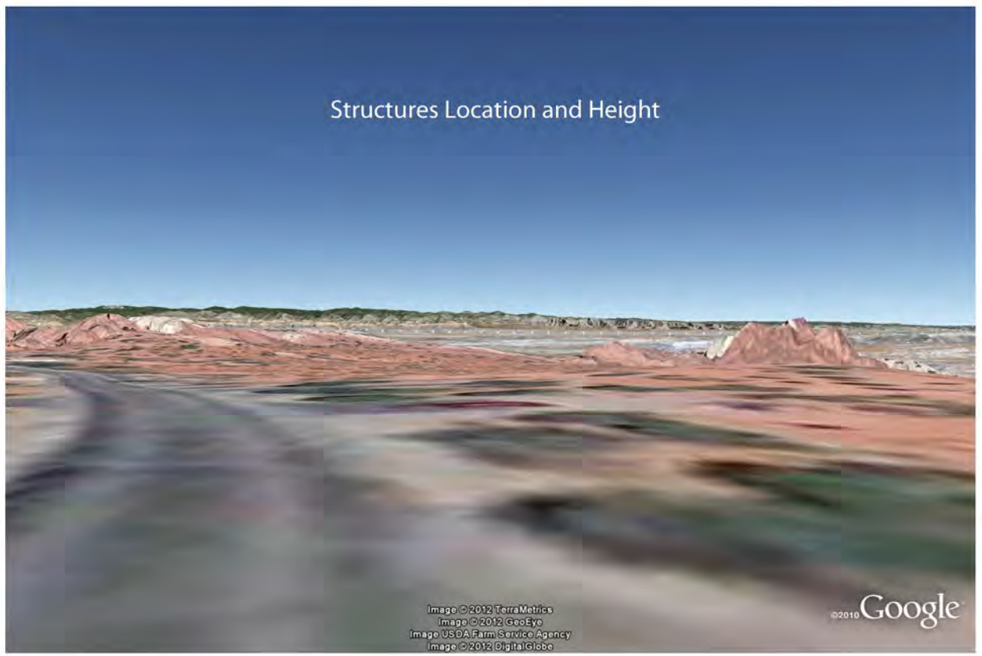
KOP Figures



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: ANP-1
3. VRM Class: NA
4. Location: Arches NP, Devil's Garden CG, Township 23S, Range 241E, Section 27
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Red rock formations. Planar ridgeline. Irregular and rounded background mesas.	Scattered clumps of trees, grasses and forbs.	Foreground paved roadway and campground features.
LINE	Irregular ridgeline.	Irregular edges of trees, shrubs and grasses.	Horizontal.
COLOR	Red rocks. Light to medium light to medium red, brown and grey rock and soil.	Light tan to medium and dark olive greens and browns.	Light to medium grey.
TEX-TURE	Smooth rock to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form											X	
Line											X	
Color												X
Texture												X

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 07/22/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

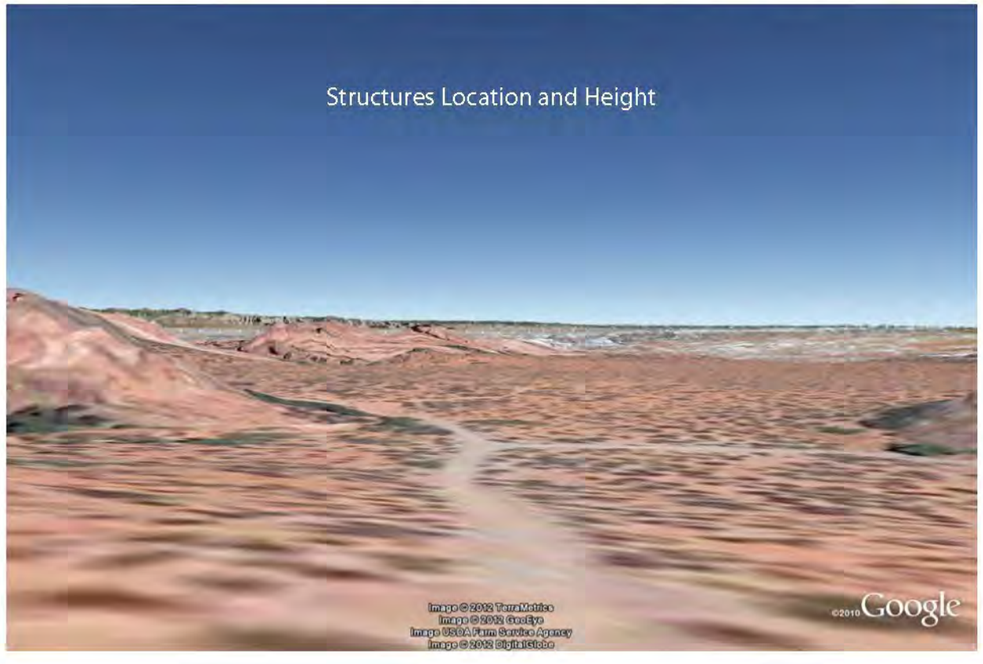
KOP Location

0 15,500 31,000 62,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP ANP-1
Arches National Park
Devil's Garden Campground
(Segment 220.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
ANP-2

3. VRM Class
III

4. Location Arches NP
Landscape Arch Tr.
Township 23S
Range 21E
Section 27

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Red rock formations. Planar ridgeline. Irregular and rounded background mesas.	Scattered clumps of trees, grasses and forbs.	Foreground trail.
LINE	Irregular ridgeline.	Irregular edges of trees, shrubs and grasses.	Curvilinear.
COLOR	Red rocks. Light to medium light to medium red, brown and grey rock and soil.	Light tan to medium and dark olive greens and browns.	Light to medium reddish tan.
TEXTURE	Smooth rock to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form											X	
Line											X	
Color												X
Texture												X

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 07/22/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

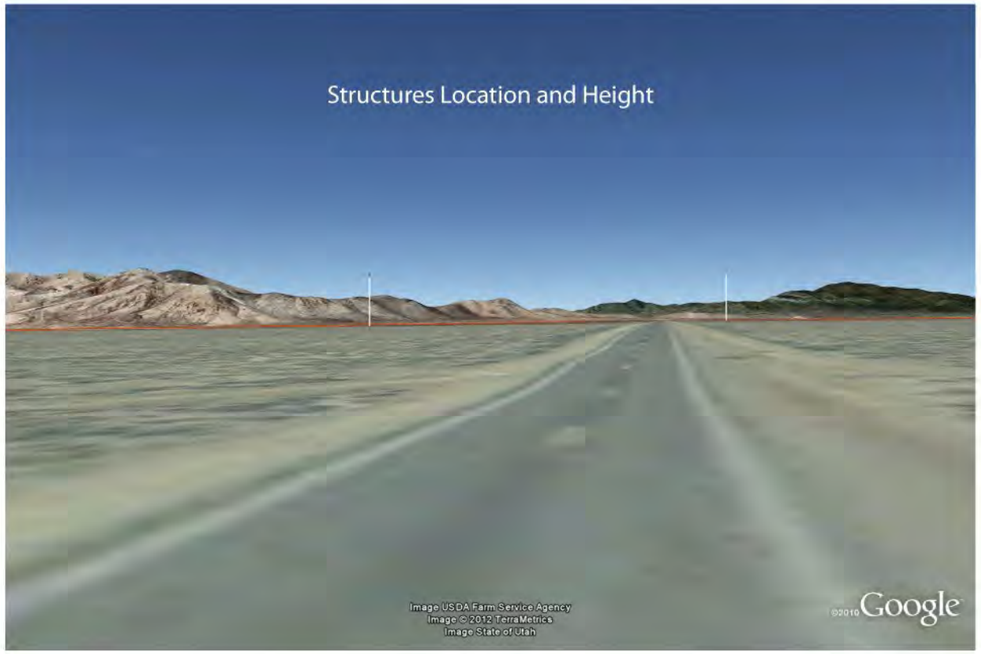
KOP Location

0 15,500 31,000 62,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP ANP-2
Arches National Park
Landscape Arch Trail
(Segment 220.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: CC-1
3. VRM Class: IV
4. Location: Utah SH 21 (westbound); Township: T28S; Range: R11W; Section: 2
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of sagebrush and grasses.	Planar roadway lanes. Pyramidal steel lattice t-line.
LINE	Horizontal valley and angular ridgelines.	Irregular sagebrush and grass patterns.	Vertical t-lines, utility poles and fence posts. Curvilinear conductors.
COLOR	Light to medium reddish tan.	Light to medium silvery green sagebrush and light tan grasses.	Light to medium grey and brown t-lines and fence posts.
TEX-TURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										x		
	Line										x		
	Color										x		
	Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 08/19/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

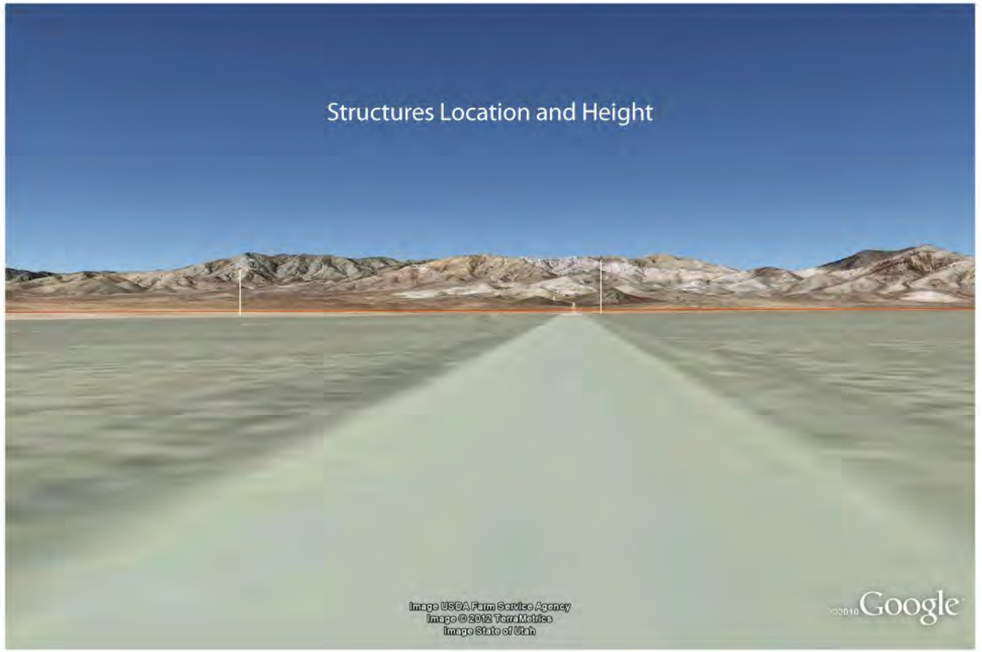
KOP Location

0 1,500 3,000 6,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-1
Utah State Highway 21
(westbound)
(Segment 480)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: CC-2
3. VRM Class: IV (VRI Class IV)
4. Location: Milford Recreation Rd. (WB); Township 28S; Range 11W; Section 11
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses with scattered clumps of sagebrush.	Planar roadway. Pyramidal steel lattice t-line.
LINE	Horizontal valley and angular ridgelines.	Irregular grass patterns.	Vertical t-line and curvilinear conductors.
COLOR	Light to medium reddish tan.	Light to medium silvery green sagebrush and light tan grasses.	Light, medium and dark grey t-line.
TEX-TURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										x		
	Line										x		
	Color										x		
	Texture											x	

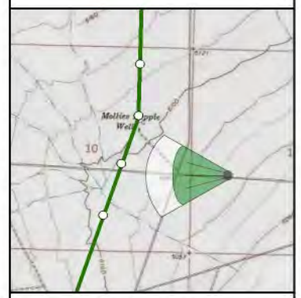
2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 08/19/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-2
Milford Recreation Road
(westbound)
(Segment 480)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
CC-3

3. VRM Class
IV

4. Location Milford Recreation Rd. (WB)
Township 30S
Range 12W
Section 31

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of sagebrush with scattered clumps of grasses.	Planar roadway. Pyramidal steel lattice t-line. Low-lying agricultural buildings
LINE	Horizontal valley and angular ridgelines.	Irregular sagebrush and grass patterns.	Vertical t-line and curvilinear conductors.
COLOR	Light to medium reddish tan.	Light to medium silvery green sagebrush and light tan grasses.	Light, medium and dark grey t-line and buildings.
TEXTURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES												
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
Elements: Form										x			
Line										x			
Color										x			
Texture											x		

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 08/19/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

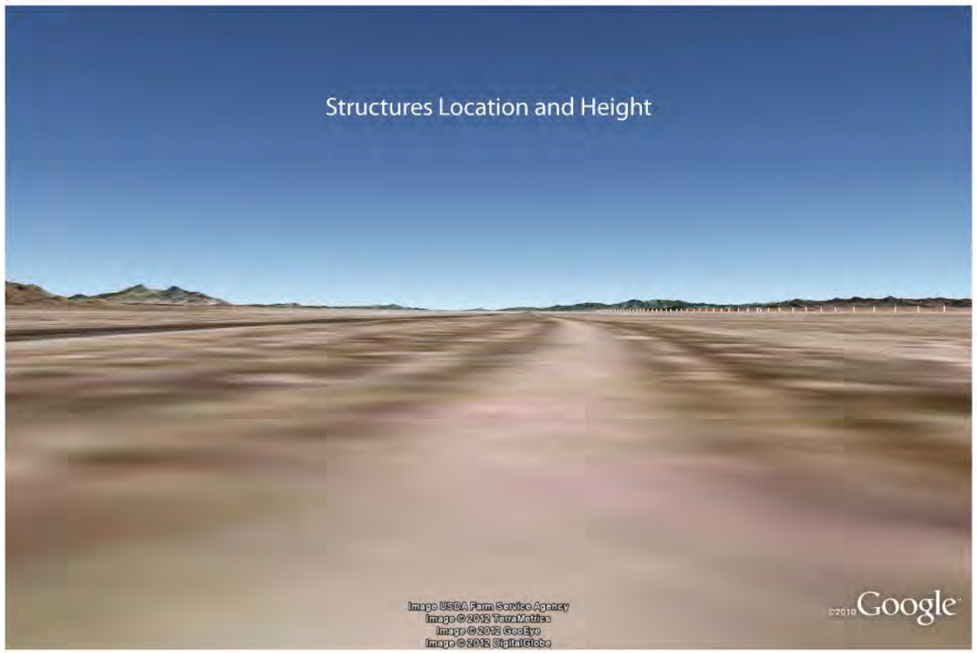
Feet
0 1,450 2,900 5,800

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-3
Milford Recreation Road
(westbound)
(Segment 480)

Western AREA POWER ADMINISTRATION



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
CC-4

3. VRM Class
IV

4. Location Near Lund Recreation Rd. (NB)
Township 33S
Range 15W
Section 1

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses.	Planar roadway. Columnar wooden pole utility
LINE	Horizontal valley and angular ridgelines.	Irregular grass patterns.	Horizontal roadway, railroad, and vertical t-line.
COLOR	Light to medium reddish tan.	Light tan grasses.	Light, medium and dark brown roadway, railroad, and t-line.
TEX-TURE	Smooth landforms.	Smooth and medium.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										x		
Line										x		
Color										x		
Texture												

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 08/19/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 6,000 12,000 24,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-4
Near Lund Recreation Rd.
(northbound)
(Segment 480)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
CC-5

3. VRM Class
IV

4. Location East Antelope Rd. (WB)
Township 35S
Range 14W
Section 5

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses with scattered clumps of PJ and sagebrush.	Planar roadway. Pyramidal steel lattice t-line. Planar h-Frames. Indistinct ranch buildings.
LINE	Horizontal valley and angular ridgelines.	Irregular PJ, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Horizontal, meandering roadway.
COLOR	Light to medium reddish tan.	Light to medium silvery green sagebrush, dark green PJ and light tan and medium green grasses.	Light, medium and dark grey and dark brown t-lines and light grey buildings.
TEX-TURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										x		
Line										x		
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

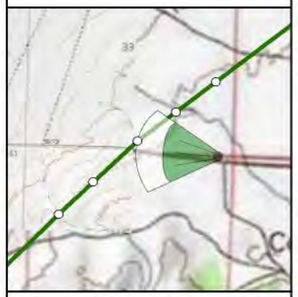
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson **Date** 08/19/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-5
East Antelope Road
(westbound)
(Segment 500.02)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: CC-6
3. VRM Class: IV
4. Location: Utah SH 56 (WB)
   Township: 36S
   Range: 15W
   Section: 15
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses with scattered clumps of PJ, deciduous trees and shrubs.	Planar roadway. Pyramidal steel lattice t-line. Planar h-Frames. Indistinct Newcastle buildings.
LINE	Horizontal valley and angular ridgelines.	Irregular PJ, deciduous trees, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Horizontal, rolling roadway.
COLOR	Light to medium reddish tan.	Dark green PJ, deciduous trees, and light tan and medium green grasses.	Light, medium and dark grey and dark brown t-lines and light to medium grey buildings.
TEXTURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										x		
Line										x		
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 08/19/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

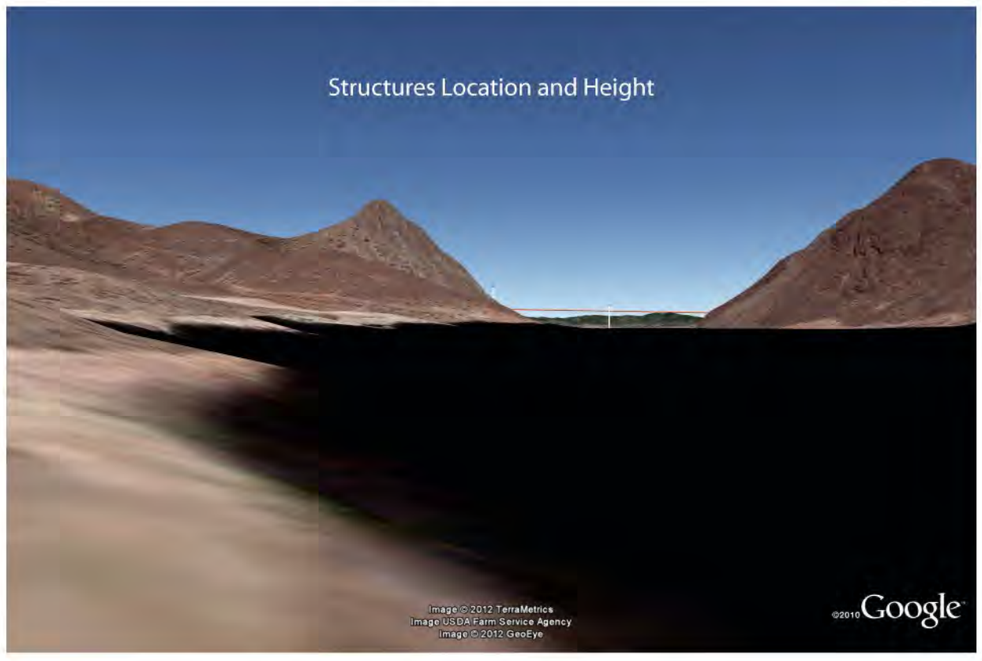
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-6
Utah State Highway 56
(westbound)
(Segment 506.00)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: CC-7
3. VRM Class: III
4. Location: Newcastle Reservoir Boat Launch
   Township: 36S
   Range: 15W
   Section: 22
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar dam. Angular mountains. Horizontal water form.	Planar blanket of grasses and shrubs, with scattered clumps of PJ.	Cylindrical utility poles. Planar dam structure.
LINE	Horizontal water and dam, and angular ridgelines.	Irregular PJ, deciduous trees, sagebrush and grass patterns.	Vertical utility poles. Horizontal dam structure.
COLOR	Blue water. Light to medium to dark grayish tan and brown rock formations and dam structure..	Dark green PJ and light tan and medium green shrubs.	Light to medium to dark grayish tan and brown dam structure. Dark brown utility poles.
TEXTURE	Smooth water and smooth, medium, and coarse landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										x		
	Line											x	
	Color											x	
	Texture												x

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 08/19/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-7
Newcastle Reservoir
Boat Launch
(Segment 500.05)

Western AREA POWER ADMINISTRATION

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Utah SH 56 (EB) Township 36S Range 15W Section 16	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point CC-8		
3. VRM Class III		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and rolling foothils.	Scattered clumps of PJ, shrubs, and grasses.	Planar roadway. Pyramidal steel lattice t-line. Planar H-frames.
LINE	Horizontal foothills and angular ridgelines.	Irregular PJ sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Horizontal roadway.
COLOR	Light to medium reddish tan and grey..	Dark green PJ and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown t-lines and light to medium grey roadway
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES												
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
Elements	Form										x			
	Line										x			
	Color										x			
	Texture											x		

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

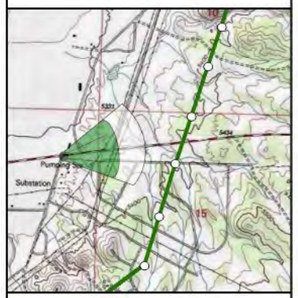
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 08/19/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



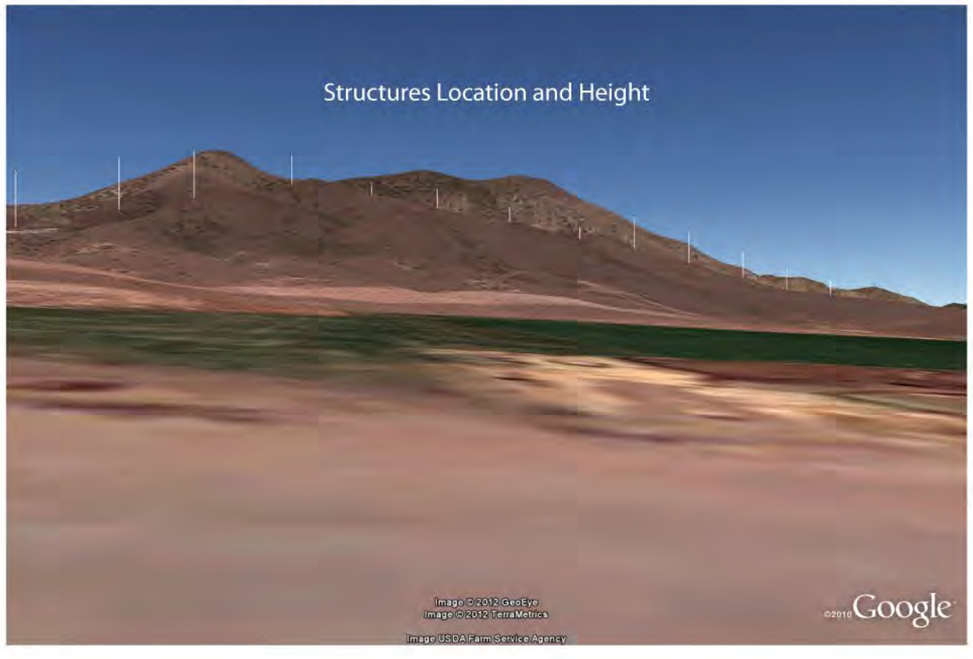
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-8
Utah State Hwy 56
(eastbound)
(Segment 500.05)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
CC-9

3. VRM Class
III

4. Location Newcastle Residential
Township 36S
Range 15W
Section 16

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains, rock formations, and rolling foothills.	Scattered clumps of PJ, shrubs, and blanket of grasses.	Pyramidal steel lattice t-line. Planar h-Frames. Cylindrical fence posts.
LINE	Angular ridgelines.	Irregular PJ, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Vertical fence posts.
COLOR	Light to medium reddish tan and grey..	Dark green PJ and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown t-lines. Light to medium grey fence posts.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										x		
	Line										x		
	Color										x		
	Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 08/19/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

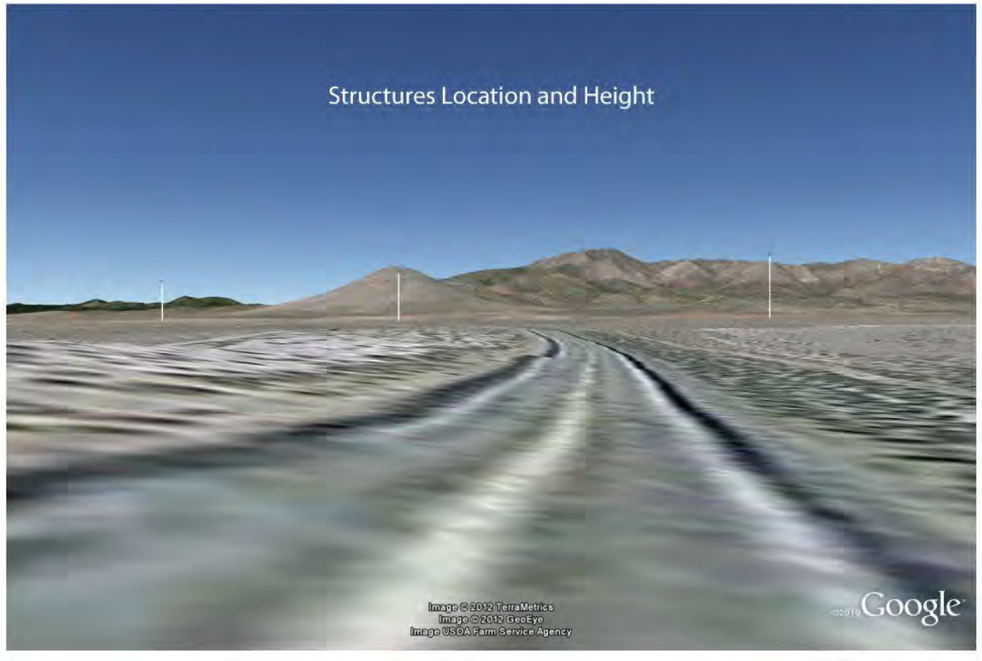
KOP Location

Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-9
Newcastle Residential
(Segment 500.05)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: CC-10
3. VRM Class: IV (VRI Class IV)
4. Location: Utah SH 56 (WB); Township 34S; Range 18W; Section 31
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains, rock formations, and rolling foothills.	Scattered clumps of PJ, shrubs, and blanket of grasses.	Pyramidal steel lattice t-line. Planar h-Frames. Cylindrical fence posts.
LINE	Angular ridgelines.	Irregular PJ, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Vertical fence posts.
COLOR	Light to medium reddish tan and grey..	Dark green PJ and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown t-lines. Light to medium grey fence posts.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									x			
Line										x		
Color										x		
Texture												

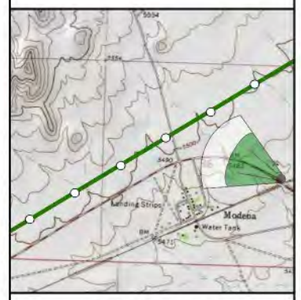
2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 08/19/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

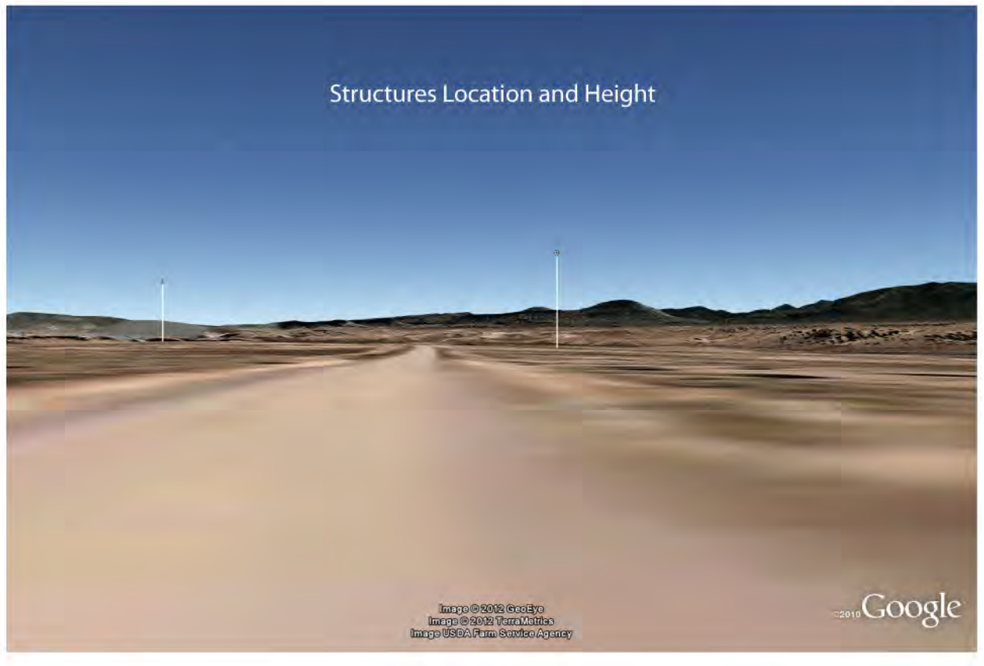
0 1,500 3,000 6,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-10
Utah State Highway 56
(westbound)
(Segment 490.05)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: CC-11
3. VRM Class: III
4. Location: Utah SH 56 (EB)
   Township: 35S
   Range: 20W
   Section: 26
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains, rock formations, and rolling foothills.	Scattered clumps of PJ, shrubs, and blanket of grasses.	Pyramidal steel lattice t-line. Planar h-Frames. Cylindrical fence posts.
LINE	Angular ridgelines.	Irregular PJ, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Vertical fence posts.
COLOR	Light to medium reddish tan and grey..	Dark green PJ and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown t-lines. Light to medium grey fence posts.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form									x			
Line										x		
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 08/19/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

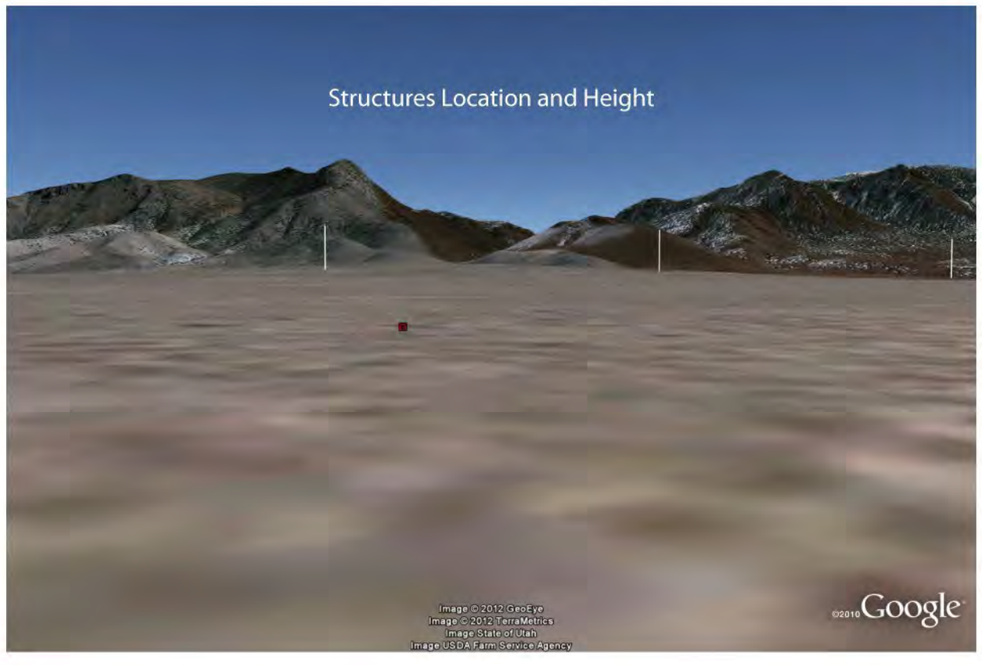
0 1,500 3,000 6,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-11
Utah State Hwy 56
(eastbound)
(Segment 490.05)

Western AREA POWER ADMINISTRATION



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
CC-12

3. VRM Class
IV

4. Location Recreation Road near Antelope Spr.
Township 35S
Range 15W
Section 14

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular and rounded mountains, rolling foothills, and planar valley.	Scattered clumps of PJ, shrubs, and blanket of grasses.	Pyramidal steel lattice t-line. Planar H-frames.
LINE	Angular and curvilinear ridgelines and horizontal valley..	Irregular PJ, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark green PJ and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown t-lines.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form										x		
Line										x		
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

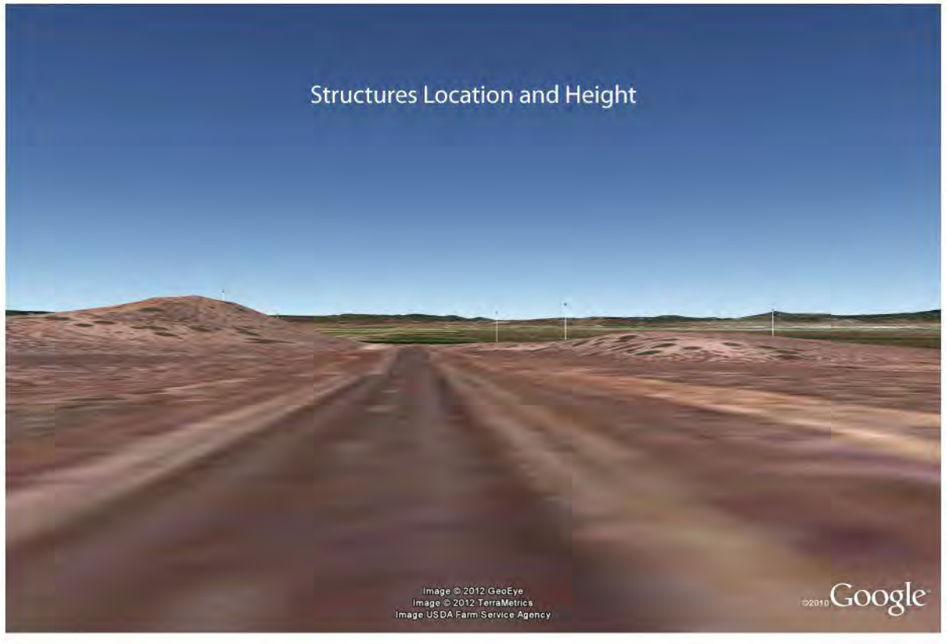
Evaluator's Names	Date
M. Paulson	08/19/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-12
Recreation Road
near Antelope Springs
(Segment 500.02)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/07/2012
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: CC-13
3. VRM Class: IV (VRI Class IV)
4. Location: Utah SH 56 (WB)
   Township: 36S
   Range: 15W
   Section: 14
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses with scattered clumps of PJ, deciduous trees and shrubs.	Planar roadway. Pyramidal steel lattice t-line. Planar h-Frames. Indistinct Newcastle buildings.
LINE	Horizontal valley and angular ridgelines.	Irregular PJ, deciduous trees, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Horizontal, rolling roadway.
COLOR	Light to medium reddish tan.	Dark green PJ, deciduous trees, and light tan and medium green grasses.	Light, medium and dark grey and dark brown t-lines and light to medium grey buildings.
TEX-TURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark gray steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form										x		
	Line										x		
	Color										x		
	Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 08/07/2012

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

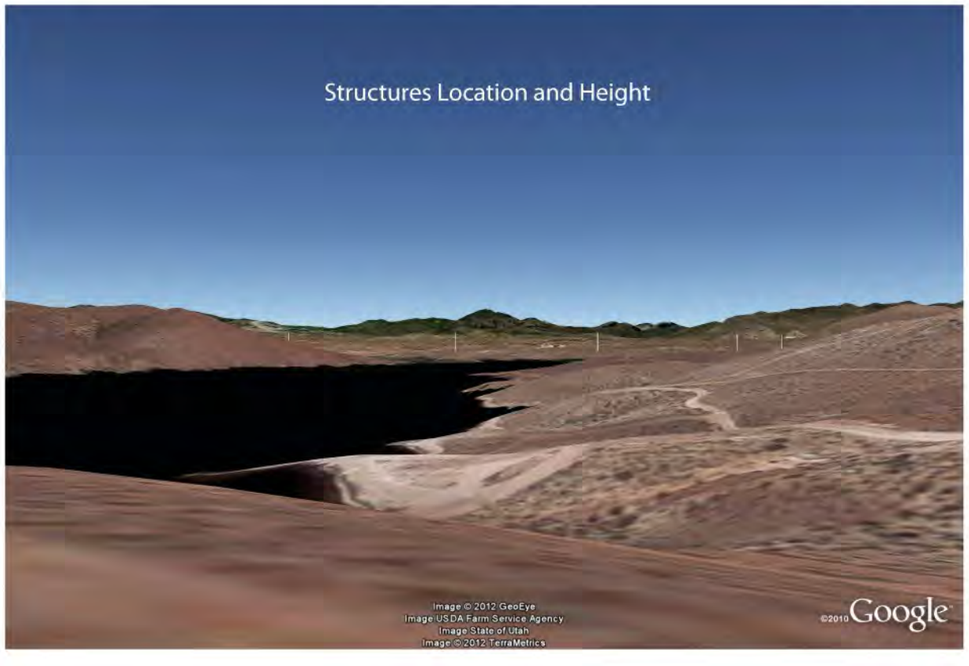
0 1,500 3,000 6,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-13
Utah SH 56
(westbound)
(Segment 506)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/07/2012
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
CC-14

3. VRM Class
IV

4. Location Newcastle Reservoir Dam Overlook
Township 36S
Range 15W
Section 22

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar dam. Angular mountains. Horizontal waterform.	Planar blanket of grasses and shrubs, with scattered clumps and blanket of PJ.	Cylindrical utility poles. Planar dam structure.
LINE	Horizontal water and dam, and angular ridgelines.	Irregular PJ, deciduous trees, sagebrush and grass patterns.	Vertical utility poles. Horizontal dam structure.
COLOR	Blue water. Light to medium to dark grayish tan and brown rock formations and dam structure..	Dark green PJand light tan and medium greenshrubs.	Light to medium to dark grayish tan and brown dam structure. Dark brown utility poles.
TEX-TURE	Smooth water and smooth, medium, and coarse landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form											x	
	Line											x	
	Color											x	
	Texture												x

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson **Date** 08/07/2012

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

Feet
0 1,650 3,300 6,600

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-14
Newcastle Reservoir
Dam Overlook
(Segment 500.05)

Western AREA POWER ADMINISTRATION

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 05/30/2012
District Dinosaur National Monument
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
DNM-1

3. VRM Class
NA

4. Location Dinosaur Nat. Mon. Entry
Township 3N
Range 103W
Section 10

5. Location Sketch
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of pinon-juniper, rabbit brush, sagebrush and grasses.	Planar roadway, columnar light standard, pyramidal 345-kV transmission line structure and columnar H-frame poles.
LINE	Strong angular lines of ridges and skyline. Angular side slopes.	Indistinct pinon-juniper, sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical light standard, transmission line, H-frame and markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Dark olive green pinon-juniper and medium olive green sagebrush. Golden tan to brown rabbit brush and grasses.	Light to medium grey roadway and darker light standard, and transmission line. Light tan to brown H-frame.
TEX-TURE	Smooth to moderate landforms.	Coarse pinon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, light standard, transmission line, H-frame and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form										x		
Line										x		
Color											x	
Texture											x	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 5/30/12

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 2,000 4,000 8,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP DNM-1
Dinosaur National Monument (Entry)
(Segment 210)

Project Location

KOP Location

Feet
0 2,000 4,000 8,000

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP DNM-1
Simulated Condition
(Segment 210)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
DNM-2

3. VRM Class
NA

4. Location Dinosaur National Mon. Overlook
Township 4N
Range 103W
Section 4

5. Location Sketch
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating midground ridges. Curvilinear mountain backdrop. Strong foreground erosion cuts.	Horizontal and curvilinear shapes of pinon-juniper and grasses.	NA – too distant to pick out of landscape
LINE	Weak horizontal ridge and mountain skyline. Angular side slopes. Horizontal valley floor.	Horizontal and curvilinear edges of pinon-juniper and grasses.	NA
COLOR	Very light, medium, and dark brown exposed eroded slopes.	Dark green pinon-juniper. Light to medium olive green and tan grasses.	NA
TEX-TURE	Smooth midground and background landforms. Course foreground landforms	Coarse pinon-juniper foreground and midground. Smooth grasses.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Indistinct 7- to 11-miles distant pyramidal steel lattice structures.
LINE			Indistinct 7- to 11-miles distant vertical steel lattice structures.
COLOR			Indistinct 7- to 11-miles distant light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Indistinct 7- to 11-miles distance

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form											x	
	Line											x	
	Color											x	
	Texture												x

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 7,500 15,000 30,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP DNM-2
Dinosaur National Monument (Overlook)
(Segments 210, 211, 214)

Western Area Power Administration

Project Location

KOP Location

Feet
0 7,500 15,000 30,000

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP DNM-2
Simulated Condition
(Segment 210, 211, 214)

Western AREA POWER ADMINISTRATION

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
E-6

3. VRM Class
III

4. Location U.S. 93 (SB)
Township 03S
Range 67E
Section 22

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains and rock formations.	Blanket of shrubs. Clumps of PJ and grasses.	Planar roadway and guardrails.
LINE	Horizontal foreground ridgeline and angular ridgelines and rock formations.	Irregular PJ, shrub and grass patterns.	Curvilinear roadway and guardrails.
COLOR	Light to medium reddish tan and grey..	Medium to dark olive green PJ. Yellowish green shrubs and tan grasses..	Medium to dark grey roadway and light to medium silvery grey guardrails.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)

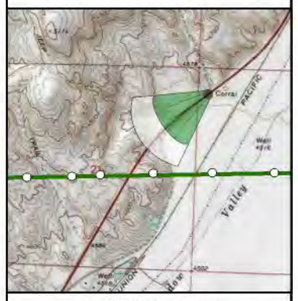
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 09/08/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

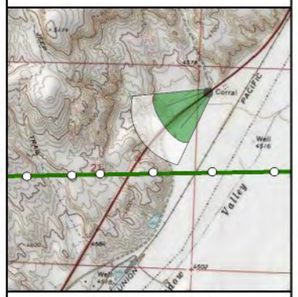
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-6
U.S. 93 (southbound)
(Segment 520)

Project Location



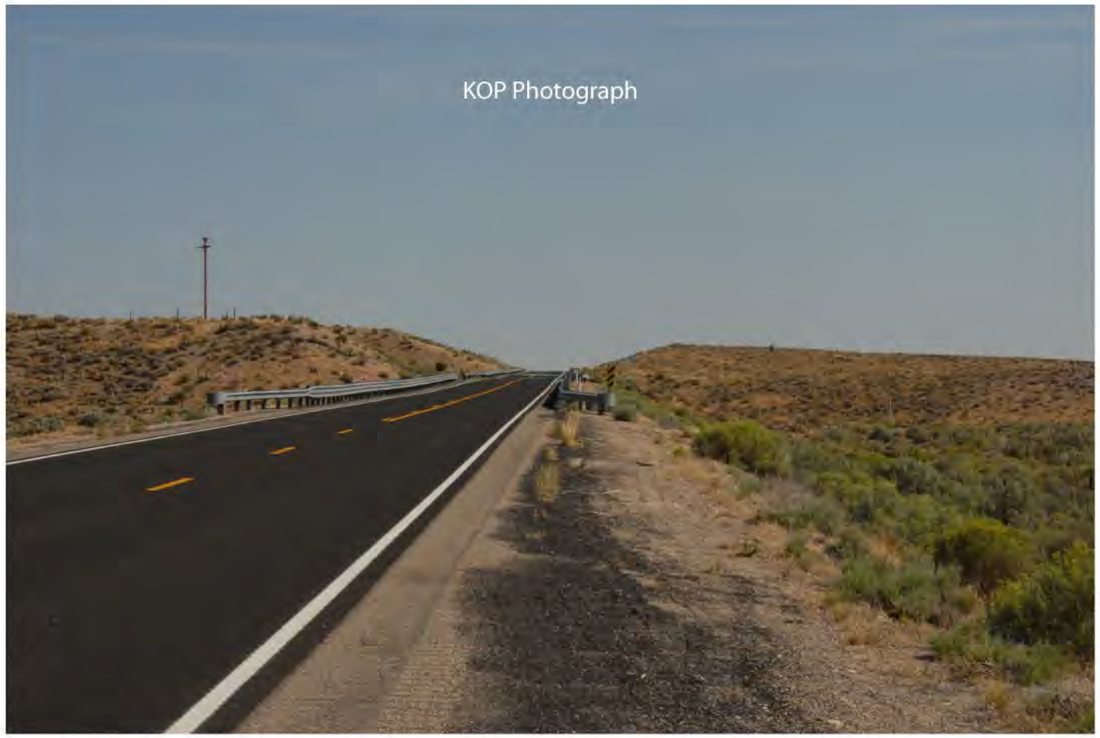
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-6
Simulated Condition
(Segment 520)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
E-7

3. VRM Class
III

4. Location U.S. 93 (SB)
Township 03S
Range 67E
Section 28

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains and rock formations.	Blanket and clumps of shrubs and grasses.	Planar roadway and guardrails. Cylindrical utility pole.
LINE	Horizontal foreground ridgeline and angular ridgelines and rock formations.	Irregular shrubs and grass patterns.	Curvilinear roadway and guardrails. Vertical utility pole.
COLOR	Light to medium reddish tan and grey..	Silver green shrubs and tan grasses..	Medium to dark grey roadway and light to medium silvery grey guardrails. Medium to dark brown utility pole.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									x			
Line										x		
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)

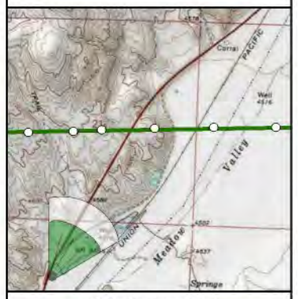
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 09/08/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

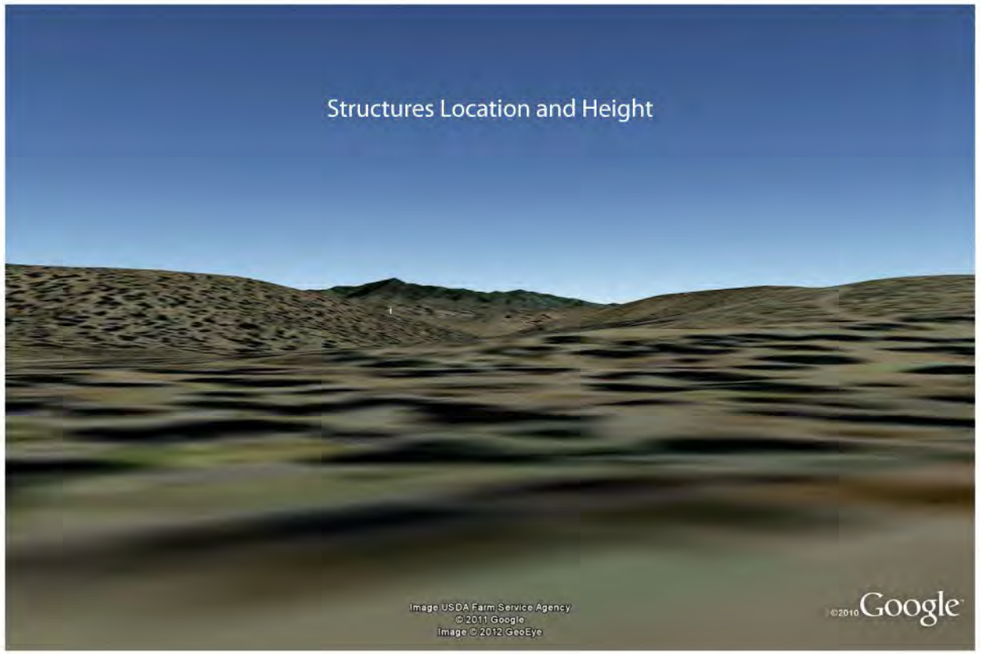
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-7
U.S. 93 (southbound)
(Segment 520)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: E-8
3. VRM Class: III (VRI Class IV)
4. Location: U.S. 93; Township 04S; Range 66E; Section 18
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains.	Blanket of PJ. Clumps of shrubs and grasses.	Planar roadway.
LINE	Angular ridgelines.	Irregular PJ, shrub and grass patterns.	Horizontal roadway.
COLOR	Light to medium reddish tan and grey..	Medium to dark olive green PJ. Silver and yellowish green shrubs and tan grasses..	Light to medium grey roadway.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form											x	
Line											x	
Color											x	
Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

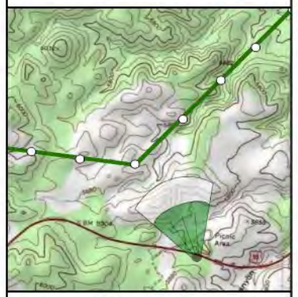
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 09/08/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-8
U.S. 93
(Segment 520)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: E-9
3. VRM Class: III (VRI Class IV)
4. Location: U.S. 93 (eastbound); Township 04S; Range 64E; Section 10
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular background mountains. Planar valley.	Clumps of desert shrubs and grasses.	Planar roadway and pyramidal steel lattice transmission line.
LINE	Angular ridgelines and horizontal valley.	Irregular shrub and grass patterns.	Horizontal roadway and vertical t-line. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Reddish brown and tan shrubs and grasses..	Light to medium grey roadway. Dark grey t-line.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										x		
Line											x	
Color											x	
Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 09/08/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 1,450 2,900 5,800 Feet

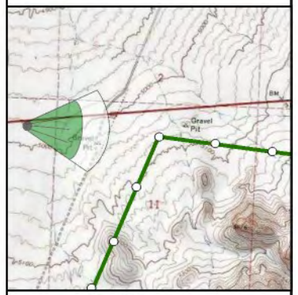
N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-9
U.S. 93 (eastbound)
(Segment 520)

Western Area Power Administration

Project Location



KOP Location

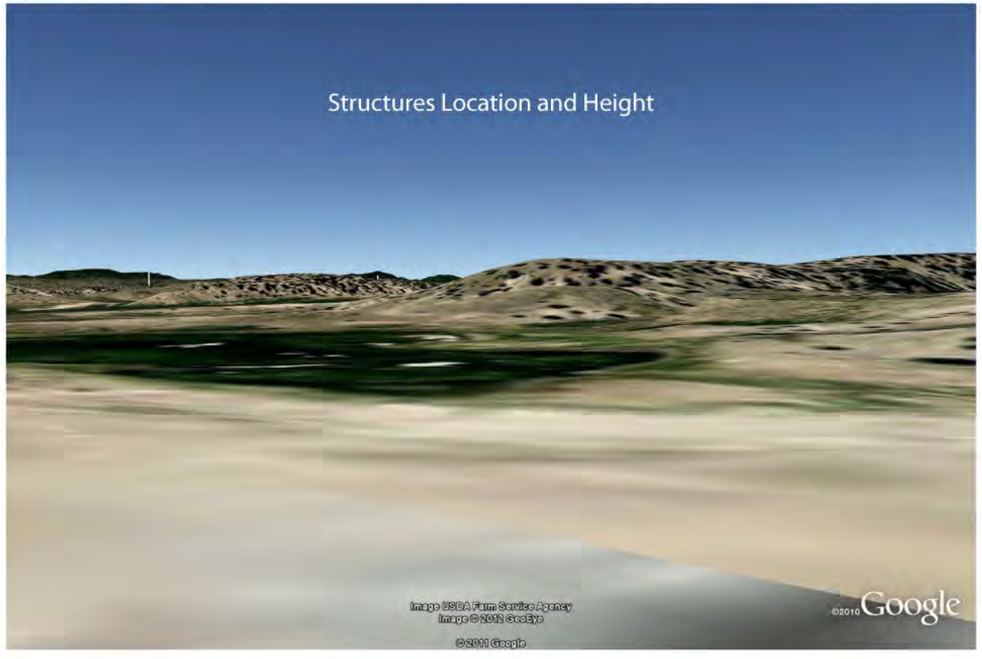
0 1,450 2,900 5,800 Feet

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-9
Simulated Condition
(Segment 520)

Western AREA POWER ADMINISTRATION



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: E-10
3. VRM Class: III
4. Location: Mathews Canyon Reservoir. Township 05S Range 69E Section 24
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular and rounded mountains, rolling foothills, and planar water form.	Scattered clumps of PJ, shrubs, and blanket of grasses.	
LINE	Angular and curvilinear ridgelines and horizontal water..	Irregular PJ, sagebrush and grass patterns.	
COLOR	Light to medium reddish tan and grey..	Dark green PJ and light tan grasses and medium silvery green sagebrush.	
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form											x	
Line											x	
Color											x	
Texture											x	

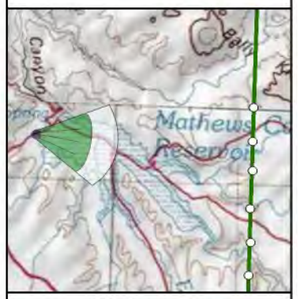
2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 09/08/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 2,250 4,500 9,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-10
Mathews Canyon Reservoir
(Segment 510)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
E-11

3. VRM Class
IV (VRI Class III)

4. Location Backway Loop.
Township 05S
Range 70E
Section 31

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling foothills.	Dense planar blanket of PJ and sagebrush.	Planar roadway.
LINE	Curvilinear ridgelines.	Irregular PJ and sagebrush patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey..	Dark green PJ and medium silvery green sagebrush.	Light to medium reddish brown.
TEX-TURE	Smooth landform.	Smooth, medium and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form									x			
Line										x		
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

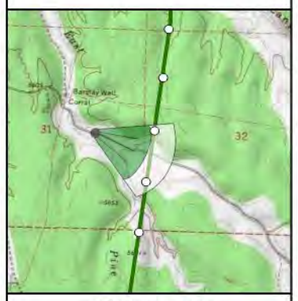
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 09/08/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



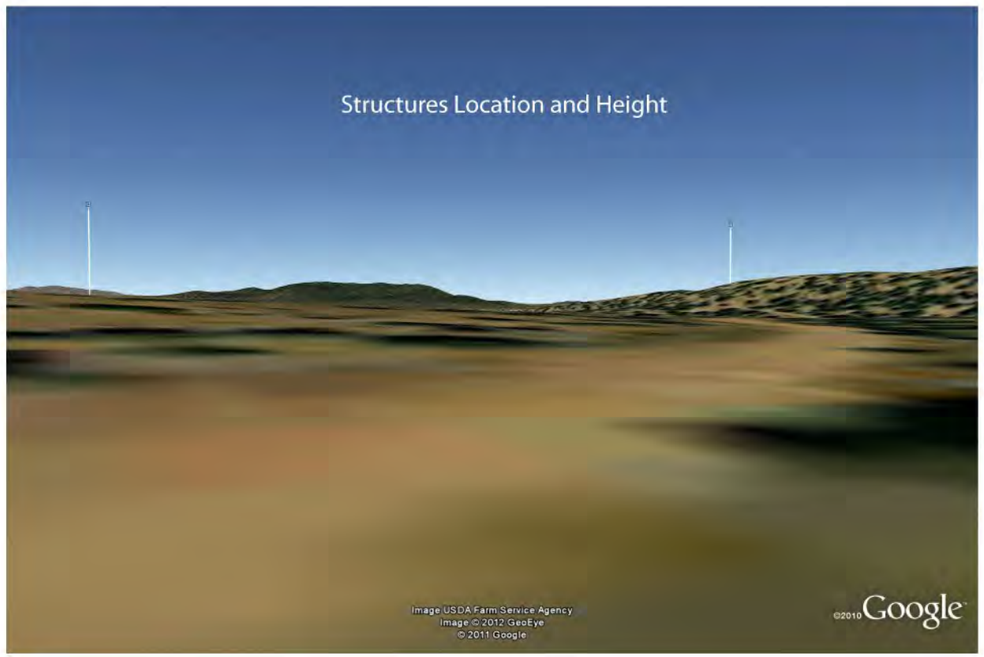
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-11
Backway Loop
(Segment 510)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
E-12

3. VRM Class
IV (VRI Class III)

4. Location Backway Loop..
Township 05S
Range 70E
Section 32

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling foothills.	Dense planar blanket of PJ and sagebrush.	Planar roadway.
LINE	Curvilinear ridgelines.	Irregular PJ and sagebrush patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey..	Dark green PJ and medium silvery green sagebrush.	Light to medium reddish brown.
TEX-TURE	Smooth landform.	Smooth, medium and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form									x			
Line										x		
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

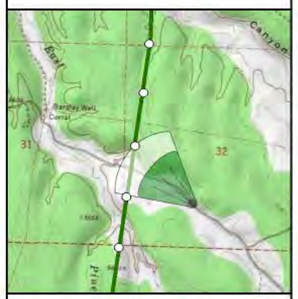
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 09/08/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



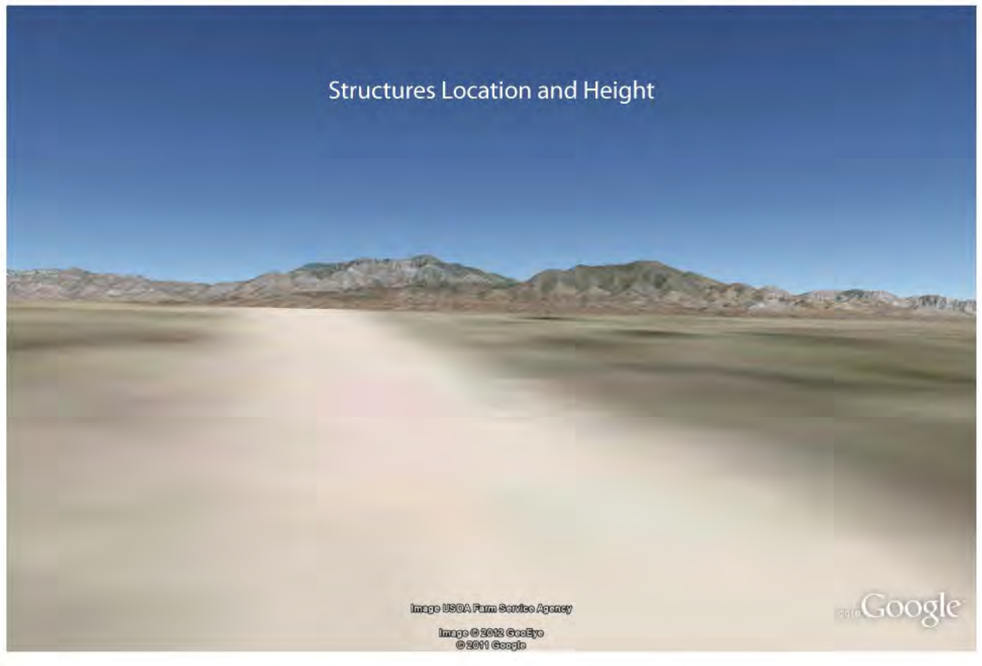
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-12
Backway Loop
(Segment 510)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/20/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: E-13
3. VRM Class: III (VRI Class IV)
4. Location: Tule Spr Hills Backway Loop (EB).. Township 09S Range 71E Section 10
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and cliffs. Angular foothills and mountains. Meandering stream.	Clumps of riparian trees, shrubs, and Joshua trees.	
LINE	Vertical cliff. Curvilinear valley and stream. Angular foothills and mountains.	Irregular riparian trees, shrubs, and Joshua trees.	
COLOR	Light to medium reddish tan and grey..	Light to medium to dark green riparian trees, shrubs, and Joshua trees.	
TEX-TURE	Smooth landform.	Smooth, medium and coarse.	

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form											x	
Line											x	
Color											x	
Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

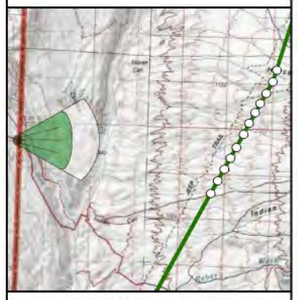
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 08/20/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

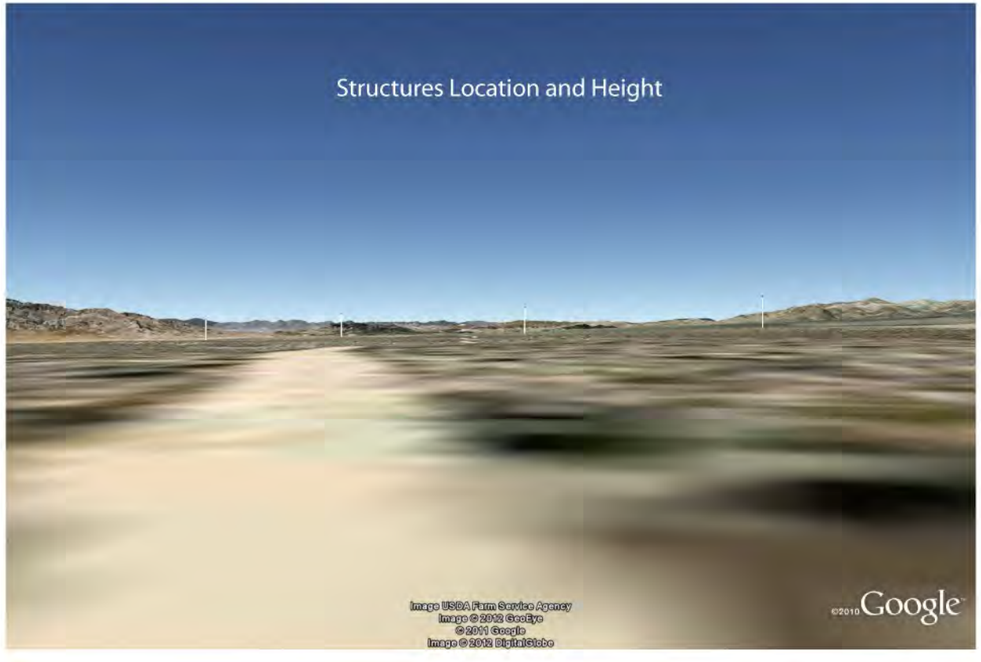
0 6,250 12,500 25,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-13
Tule Spring Hills
Backway Loop (eastbound)
(Segment 502)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
E-14

3. VRM Class
IV (VRI Class III)

4. Location Backway Loop.
Township 09S
Range 69E
Section 001

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling plane.	Clumps of Joshua trees, cat's claw, and high desert shrubs.	Planar roadway.
LINE	Horizontal ridgelines.	Irregular Joshua tree and shrub patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey..	Silvery green to brownish green Joshua trees and shrubs.	Light to medium reddish brown.
TEX-TURE	Smooth landform.	Smooth, medium and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									x			
	Line										x		
	Color										x		
	Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 09/08/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

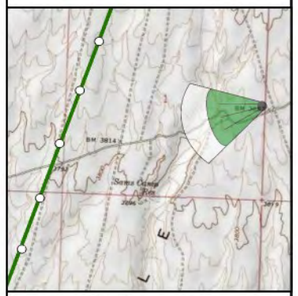
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-14
Backway Loop
(Segment 510)

Project Location



KOP Location

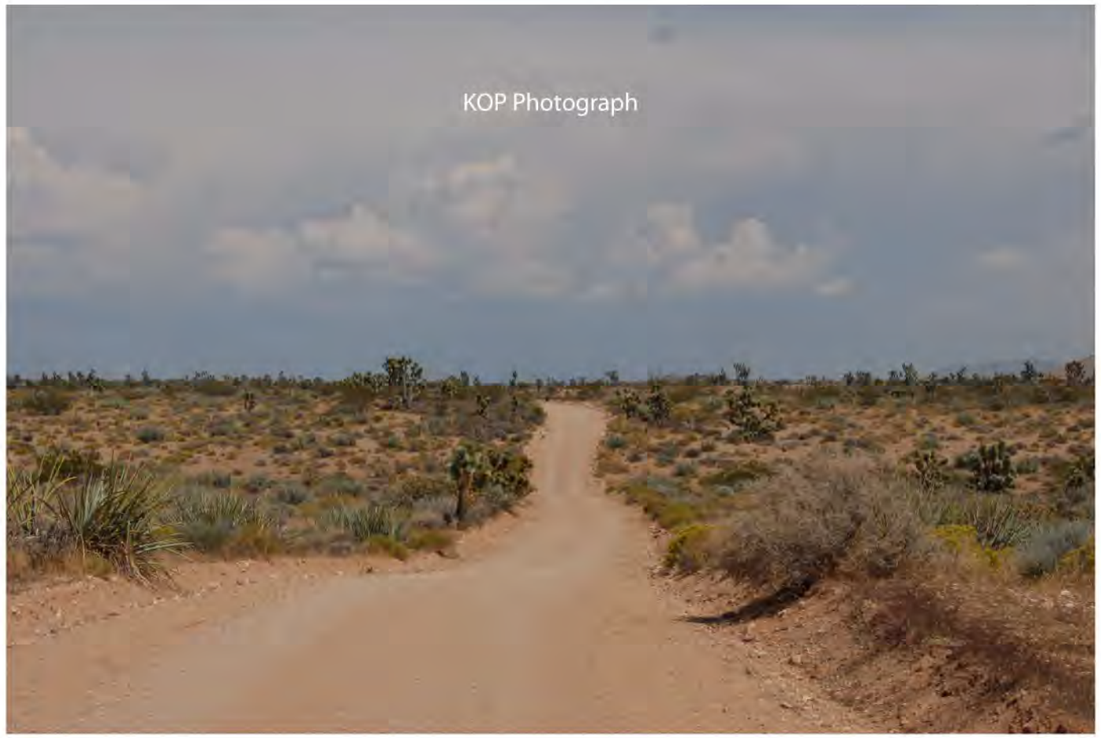
0 1,450 2,900 5,800 Feet

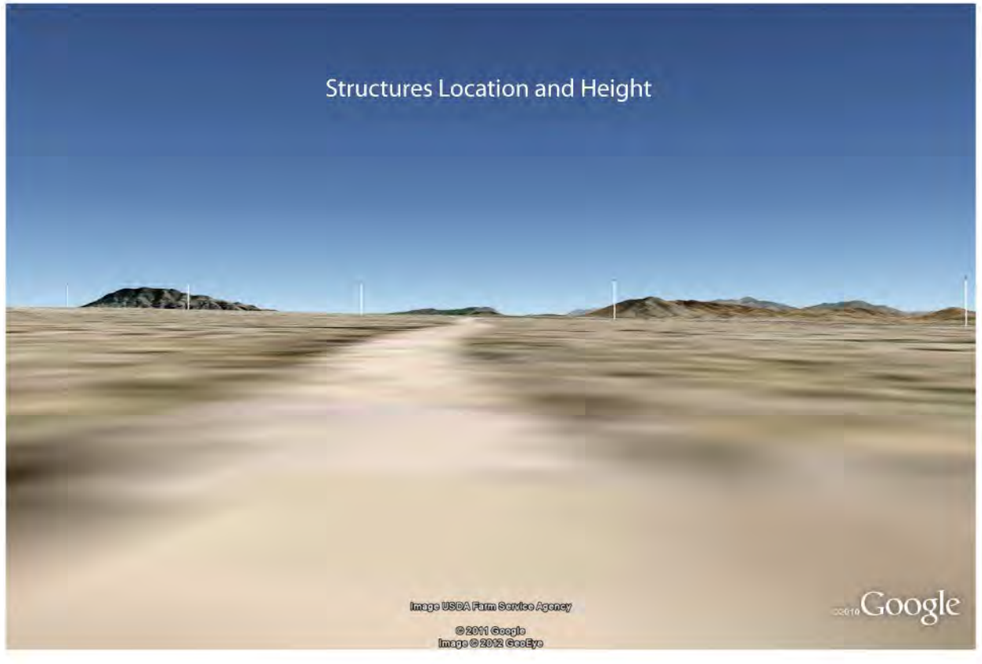
N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-14
Simulated Condition
(Segment 510)

Western AREA POWER ADMINISTRATION





Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: E-15
3. VRM Class: IV (VRI Class IV)
4. Location: Backway Loop. Township 09S Range 69E Section 011
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling plane.	Clumps of Joshua trees, cat's claw, yucca and high desert shrubs.	Planar roadway.
LINE	Horizontal ridgelines.	Irregular Joshua tree, yucca, and shrub patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey..	Silvery green to brownish green Joshua trees, yucca, and shrubs.	Light to medium reddish brown.
TEX-TURE	Smooth landform.	Smooth, medium and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form									x			
Line										x		
Color										x		
Texture											x	

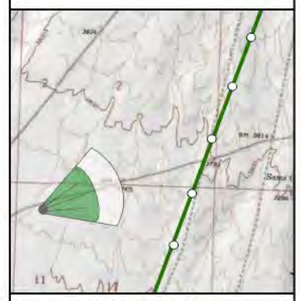
2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 09/08/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-15
Backway Loop
(Segment 510)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** U.S. 93-Pahranagat(southbound)	**5. Location Sketch** Please see Figure 3.12-3
2. Key Observation Point E-16	**Township** 09S	
3. VRM Class IV (VRI Class IV)	**Range** 62E	
	Section 003	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Foreground rolling and background escarpment	Clumps of desert shrubs and grasses.	Planar roadway.
LINE	Angular ridgelines and banded escarpment.	Irregular shrub and grass patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey to dark brown..	Silvery green to tan and brownish green shrubs and grasses..	Light to medium grey and tan shoulders.
TEX-TURE	Smooth to coarse landform.	Smooth, medium and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ **SHORT TERM** ☑ **LONG TERM**

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ **Yes** ☐ **No (Explain on reverse side)**

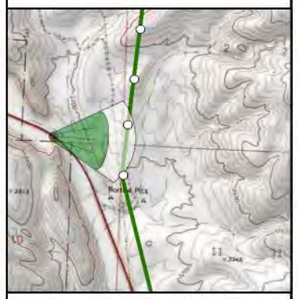
3. Additional mitigating measures recommended ☐ **Yes** ☐ **No (Explain on reverse side)**

Evaluator's Names M. Paulson
Date 09/08/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-16
U.S. 93-Pahranagat
(southbound)
(Segment 520)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** N. Poleline Rd. (southbound)	**5. Location Sketch**
2. Key Observation Point E-28	**Township** 03S	Please see Figure 3.12-3
3. VRM Class III (VRI Class IV)	**Range** 64E	
	Section 035	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Foreground rolling and angular background mountains.	Clumps of Joshua trees, desert shrubs and grasses.	Planar h-Frame transmission line and roadway.
LINE	Angular ridgelines, rock formations, and ridges, and horizontal valley..	Irregular Joshua trees, shrub and grass patterns.	Vertical and horizontal structures and curvilinear roadway and conductors.
COLOR	Light to medium reddish tan and grey..	Silvery green to tan and brownish green Joshua trees, shrubs and grasses..	Light to medium tan roadway and dark brown t-line structures.
TEX-TURE	Smooth to coarse landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form										x		
	Line										x		
	Color											x	
	Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

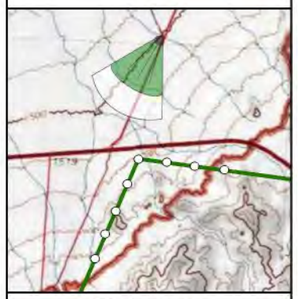
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson — **Date** 09/08/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



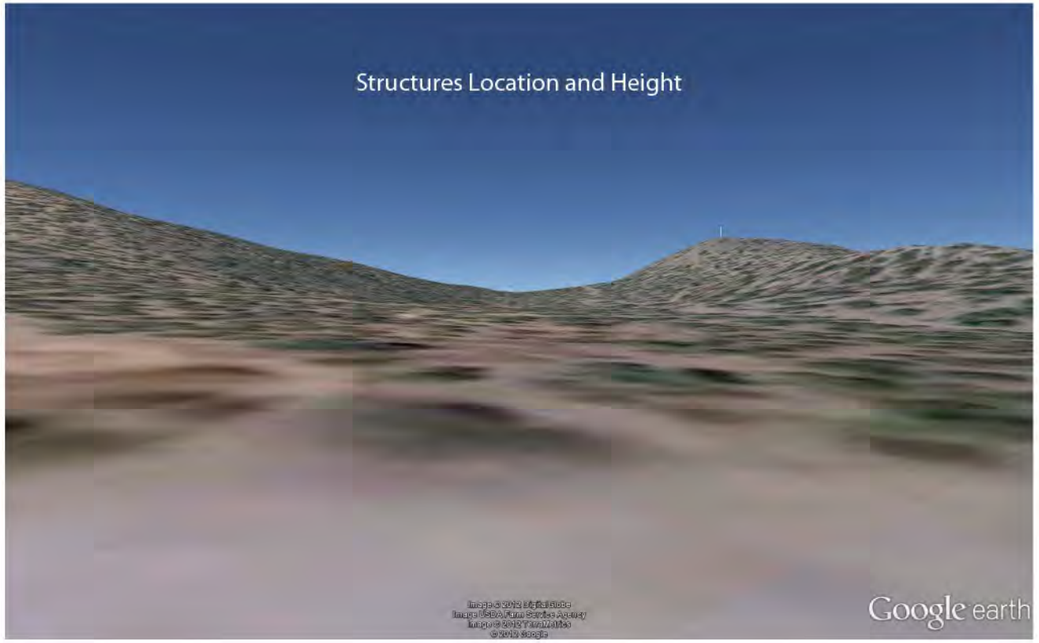
KOP Location

0 2,900 5,800 11,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-28
North Poleline Road
(southbound)
(Segment 520)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
E-29

3. VRM Class
II (VRI Class III)

4. Location Silver State Trailhead and Parking
Township 04S
Range 65E
Section 014

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Foreground rolling and angular mountain.	Clumps of pinyon-juniper and grasses.	Planar foreground fence and parking.
LINE	Angular ridgelines, rock formations, and ridges, and horizontal valley..	Irregular pinyon-juniper and grass patterns.	Vertical and horizontal fence elements..
COLOR	Light to medium reddish tan and grey..	Dark green pinyon-juniper, shrubs and grasses..	Light to medium tan roadway and fence.
TEX-TURE	Smooth to coarse landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form								X	X			
Line								X	X			
Color								X		X		
Texture								X			X	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No **(Explain on reverse side)**

3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 09/08/2011

Rationale:
Where the Project would be located with 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not comply with VRM Class II management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong or moderate contrasts to low resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

Feet
0 3,000 6,000 12,000

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-29
Silver State Trailhead and Parking
(Segment 520)

Project Location

KOP Location

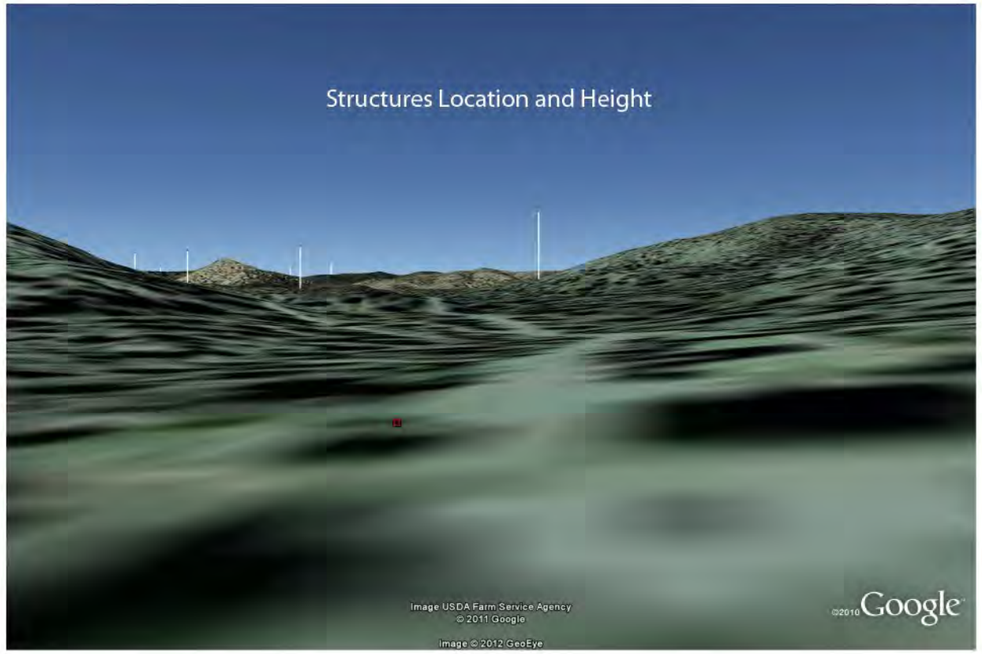
Feet
0 3,000 6,000 12,000

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-29
Simulated Condition
(Segment 520)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
E-30

3. VRM Class
III (VRI Class III)

4. Location Silver State Trail Road (NB)
Township 04S
Range 66E
Section 005

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form.	Blanket of PJ. Clumps of shrubs and grasses.	Planar road.
LINE	Angular ridgeline.	Irregular PJ, shrub and grass patterns.	Meandering roadway.
COLOR	Light to medium reddish tan and grey..	Medium to dark olive green PJ. Yellowish green shrubs and tan grasses..	Light to medium reddish tan.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No **(Explain on reverse side)**

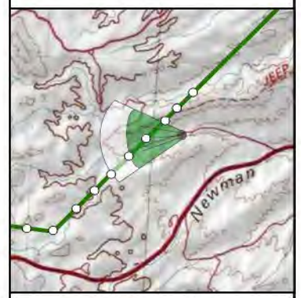
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 09/08/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

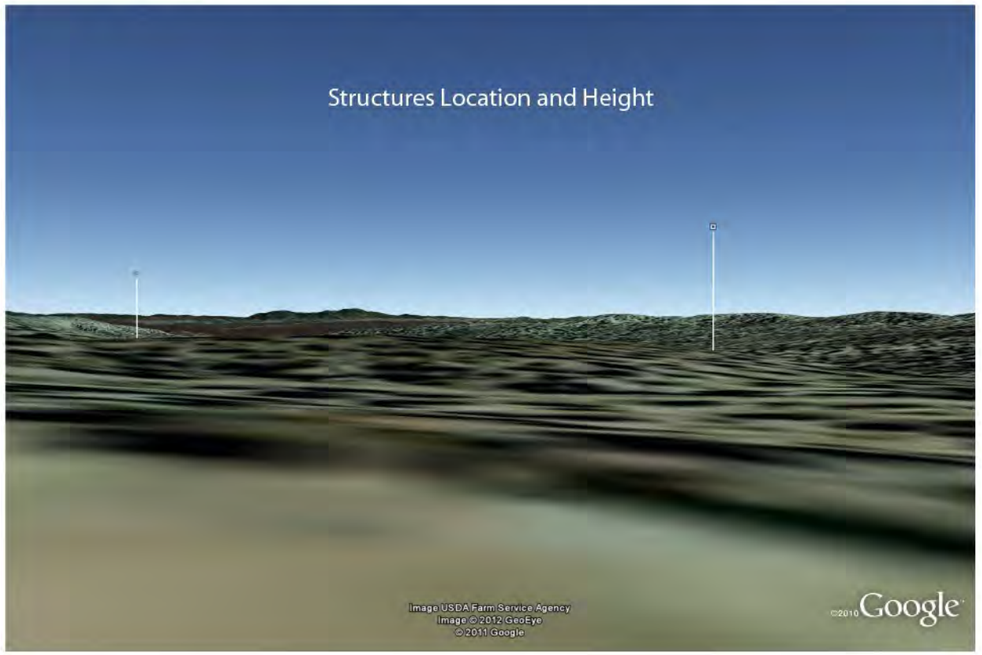
0 3,000 6,000 12,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-30
Silver State Trail Road
(northbound)
(Segment 520)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Ely DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
E-31

3. VRM Class
III (VRI Class III)

4. Location Silver State Trail Road (NB)
Township 04S
Range 66E
Section 006

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains.	Blanket of PJ. Clumps of shrubs and grasses.	Planar road.
LINE	Angular ridgelines.	Irregular PJ, shrub and grass patterns.	Meandering roadway.
COLOR	Light to medium reddish tan and grey..	Medium to dark olive green PJ. Yellowish green shrubs and tan grasses..	Light to medium reddish tan.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form									X			
	Line										X		
	Color										X		
	Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No **(Explain on reverse side)**

3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 09/08/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

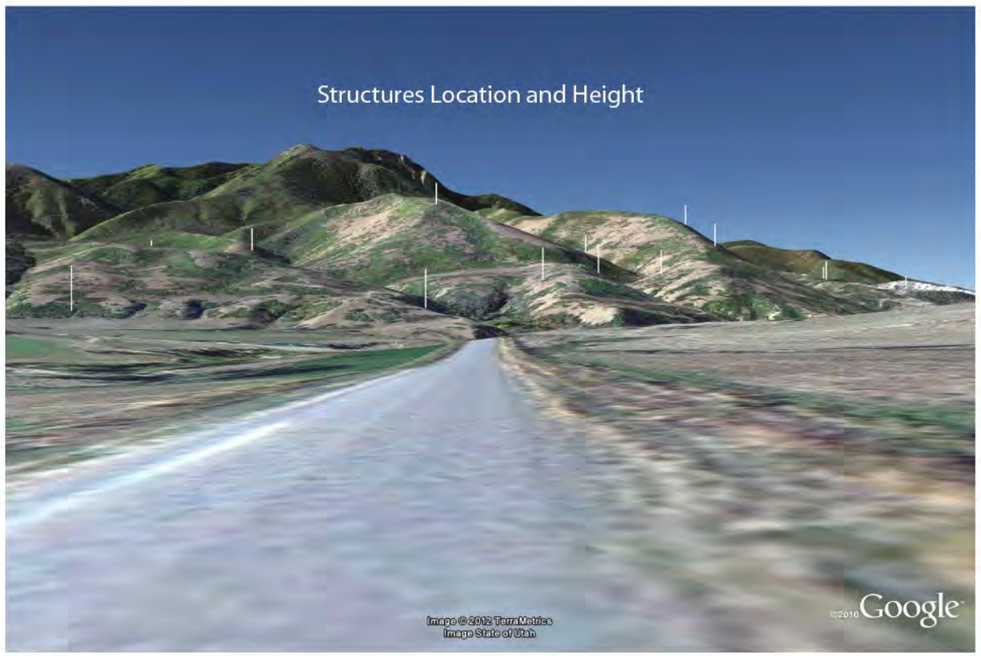
0 3,000 6,000 12,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-31
Silver State Trail Road
(northbound)
(Segment 520)

Western AREA POWER ADMINISTRATION



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
F-1

3. VRM Class
IV

4. Location Nebo Loop Scenic Byway
Township 13S
Range 2E
Section 5

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and planar valley floor.	Scattered clumps of conifers, shrubs and grasses.	Prominent steel lattice tower, wood poles, planar roadway and ranch structures.
LINE	Curvilinear and angular mt. ridges and horizontal valley floor.	Irregular tree and shrub pattern edges.	Horizontal roadways.
COLOR	Light to medium reddish tan rock formations.	Light to medium to dark green trees, shrubs and grasses.	Dark grey lattice, light to medium poles, light to medium grey roadways and buildings.
TEX-TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium to course lattice..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form										x		
Line										x		
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 07/27/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

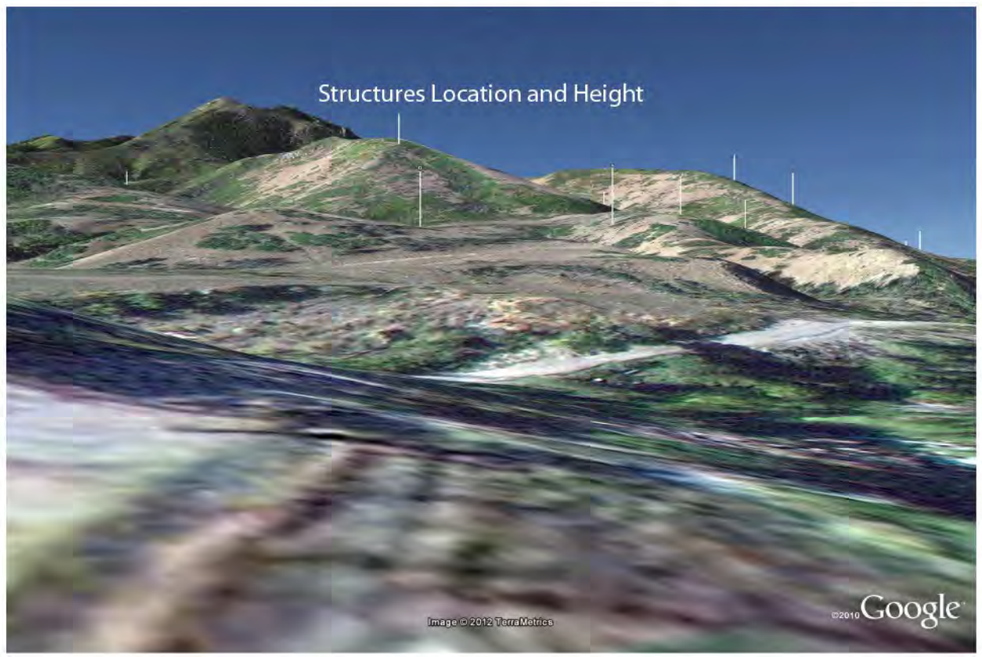
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-1
Nebo Loop Scenic Byway
(Segment 320.2)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** F-2
3. **VRM Class** IV
4. **Location** Big Mountain Campground RV-Park
   Township 13S
   Range 2E
   Section 5
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and planar valley floor.	Scattered clumps of trees, shrubs and grasses.	Prominent sign, wood poles, and planar roadway.
LINE	Curvilinear and angular mt. ridges and horizontal valley floor.	Irregular tree and shrub pattern edges.	Horizontal roadway and vertical post and poles.
COLOR	Light to medium reddish tan rock formations.	Light to medium to dark green trees, shrubs and grasses.	Colorful sign, light to medium poles, and light to medium grey roadway.
TEX-TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										x		
Line										x		
Color										x		
Texture											x	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No **(Explain on reverse side)**

3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson — **Date** 07/27/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

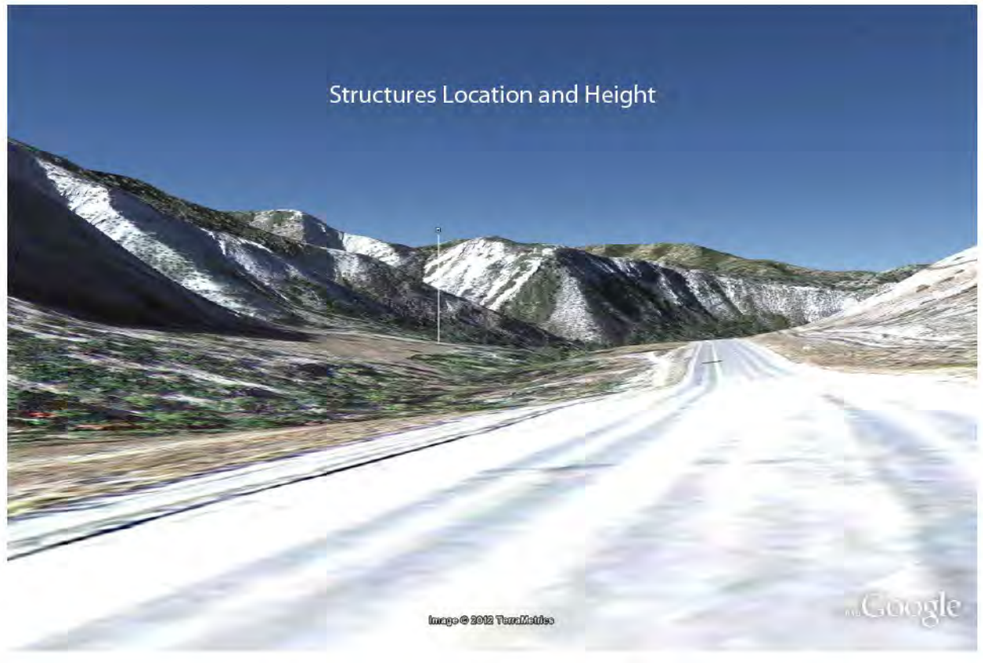
KOP Location

Feet
0 1,450 2,900 5,800

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-2
Big Mountain
Campground RV-Park
(Segment 320.2)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
F-3

3. VRM Class
III

4. Location Utah SH 132 WB
Township 13S
Range 1E
Section 1

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and narrow valley floor.	Scattered clumps of trees, shrubs and grasses.	Prominent planar roadway.
LINE	Curvilinear and angular mt. ridges and inclined valley floor.	Irregular tree and shrub pattern edges.	Horizontal and curvilinear roadway.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey roadway.
TEX-TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium roadway..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									x			
	Line										x		
	Color										x		
	Texture												

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No **(Explain on reverse side)**

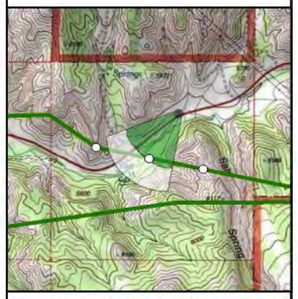
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 07/27/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 1,400 2,800 5,600 Feet

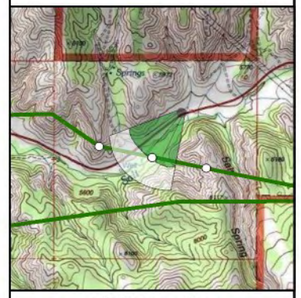
N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-3
Utah State Hwy 132
(westbound)
(Segment 340)

Western Area Power Administration

Project Location



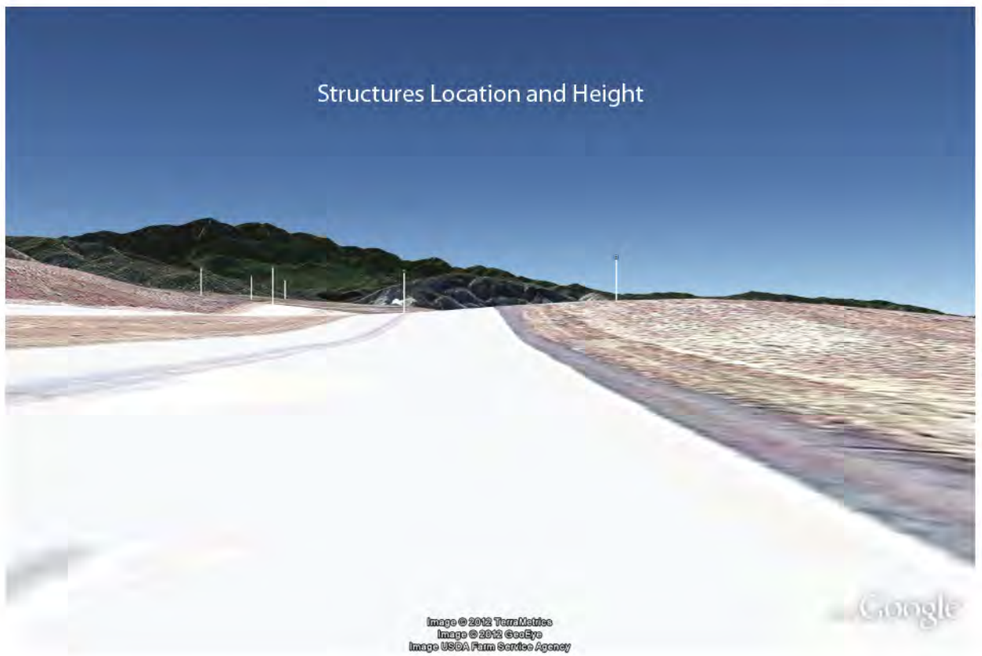
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-3
(Segment 340)
Simulated Condition



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name**
TransWest Express

2. **Key Observation Point**
F-4

3. **VRM Class**
III

4. **Location** I-15 SB
Township 13S
Range 1E
Section 17

5. **Location Sketch**
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and narrow valley floor.	Scattered clumps of trees, shrubs and grasses.	Prominent planar roadway.
LINE	Curvilinear and angular mt. ridges and inclined valley floor.	Irregular tree and shrub pattern edges.	Horizontal and curvilinear roadway.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey roadway.
TEX-TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES												
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
Elements: Form										X			
Line										X			
Color										X			
Texture											X		

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No **(Explain on reverse side)**

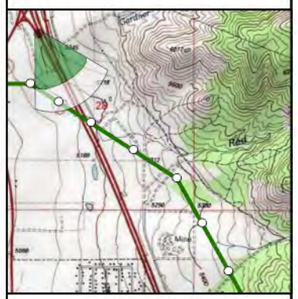
3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 07/27/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



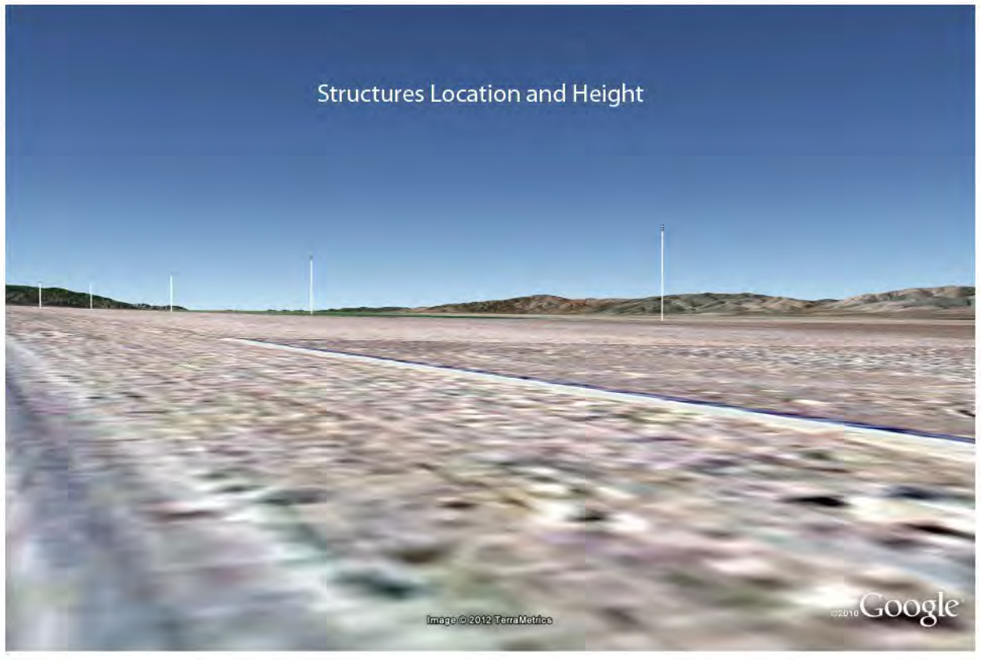
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-4
Interstate 15
(southbound)
(Segment 340)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
F-5

3. VRM Class
III

4. Location Utah SH 41 SB
Township 12S
Range 1E
Section 17

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Background rounded mountains and narrow valley floor.	Scattered clumps of deciduous trees, shrubs and grasses.	Cylindrical poles and residential structures.
LINE	Curvilinear and angular mt. ridges and planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles and horizontal and vertical structures.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles and structures.
TEX-TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color										X		
	Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/27/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

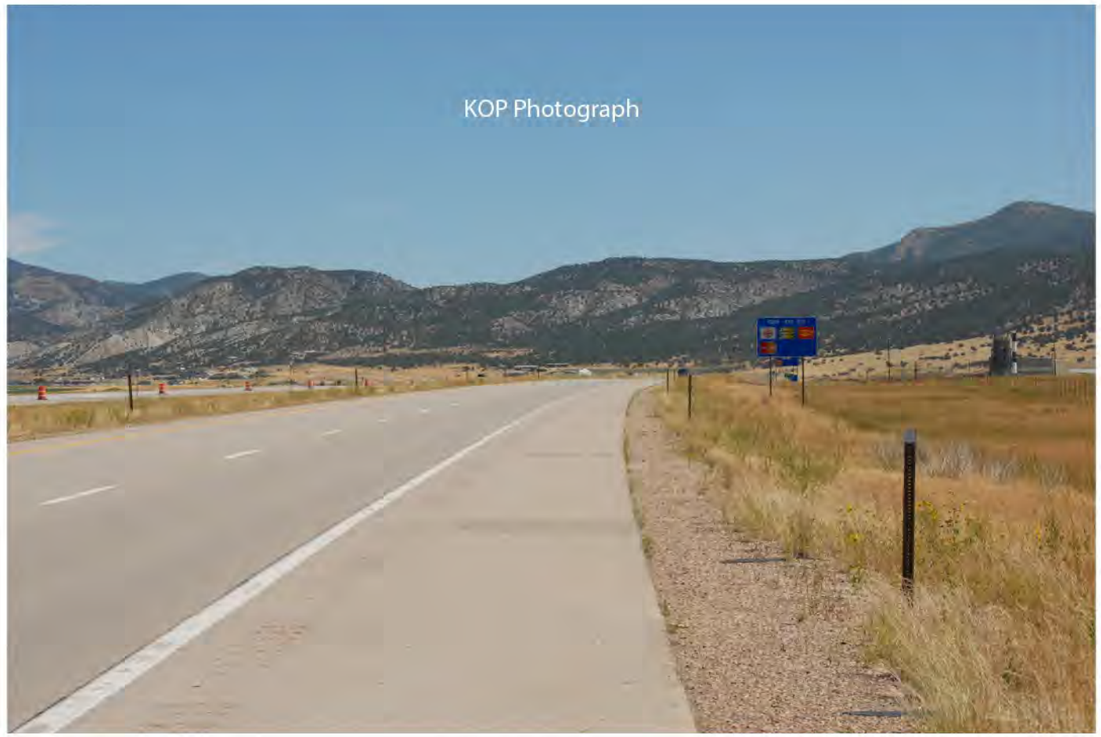
KOP Location

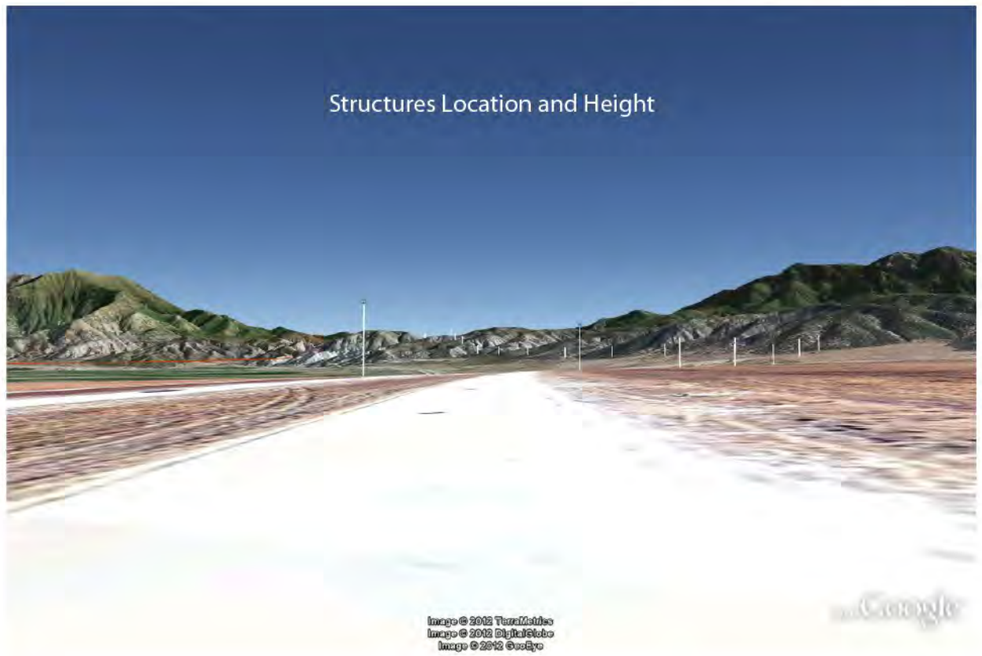
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-5
Utah State Hwy 41
(southbound)
(Segment 340)





Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name**
TransWest Express

2. **Key Observation Point**
F-6

3. **VRM Class**
IV (VRI Class III)

4. **Location** I-15 NB
Township 13S
Range 1E
Section 19

5. **Location Sketch**
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and wide valley floor.	Blanket and scattered clumps of pinon-juniper, shrubs and grasses.	Cylindrical poles and planar roadway lanes.
LINE	Curvilinear and angular mt. ridges and inclined planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles and horizontal roads.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles and light to medium grey roads.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									X			
	Line										X		
	Color										X		
	Texture											X	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No **(Explain on reverse side)**

3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 07/27/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

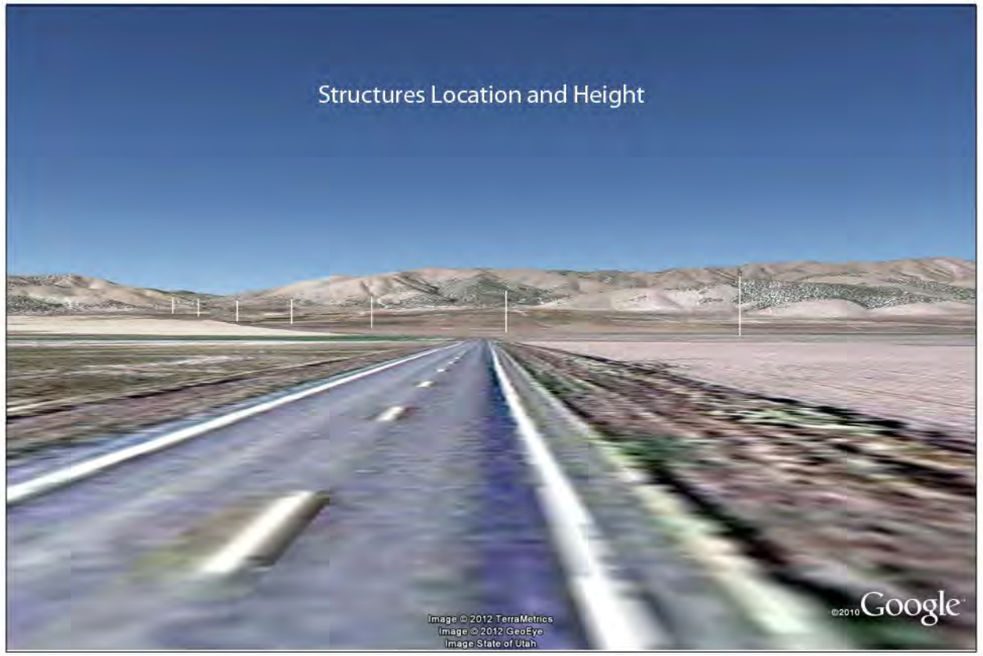
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-6
Interstate 15
(northbound)
(Segment 350)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** F-7
3. **VRM Class** III
4. **Location** Utah SH 132 (westbound)
   Township 13S
   Range 1W
   Section 1
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Background rounded mountains and wide valley floor.	Blanket and scattered clumps of pinon-juniper, shrubs and grasses.	Cylindrical poles, planar road, and cubed ranch structures.
LINE	Curvilinear and angular mt. ridges and planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles, horizontal road, and horizontal and vertical structures.
COLOR	Light to medium reddish tan landforms	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles and grey road and structures.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No **(Explain on reverse side)**

3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 08/18/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

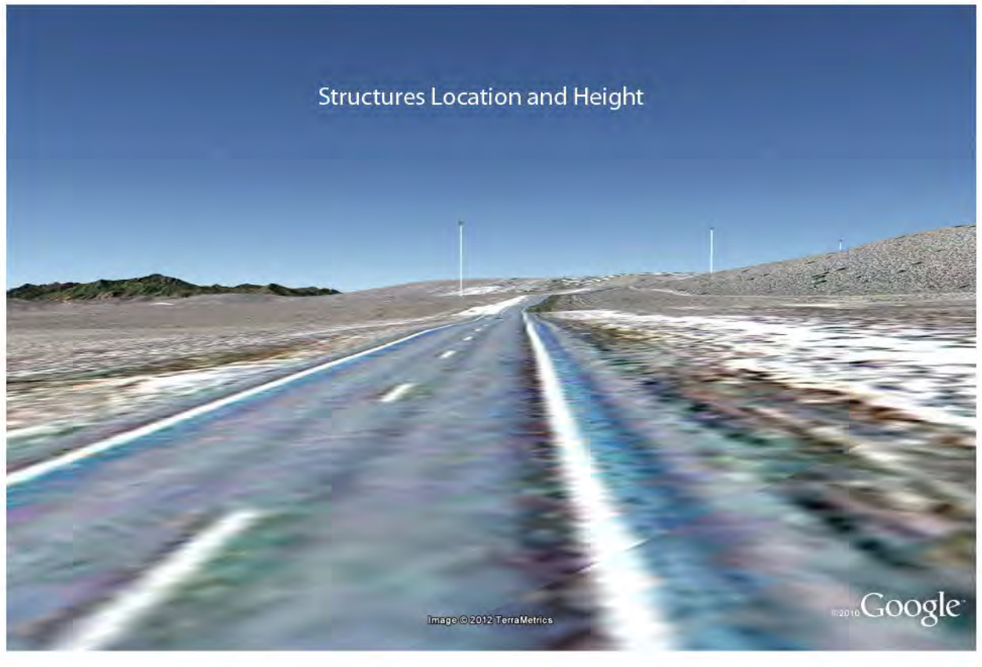
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-7
Utah State Hwy 132
(westbound)
(Segment 340)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
F-8

3. VRM Class
IV

4. Location Utah SH 132 (westbound)
Township 13S
Range 2W
Section 22

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular ridges.	Blanket and scattered clumps of pinon-juniper, shrubs and grasses.	Planar road.
LINE	Curvilinear and angular mt. ridges and planar valley floor.	Irregular tree and shrub pattern edges.	Horizontal road.
COLOR	Light to medium reddish tan landforms	Light to medium to dark green trees, shrubs and grasses.	Medium grey road.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

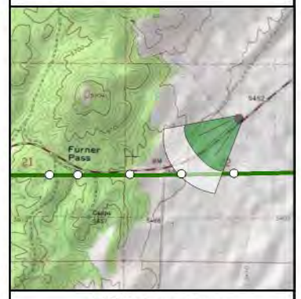
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 08/18/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



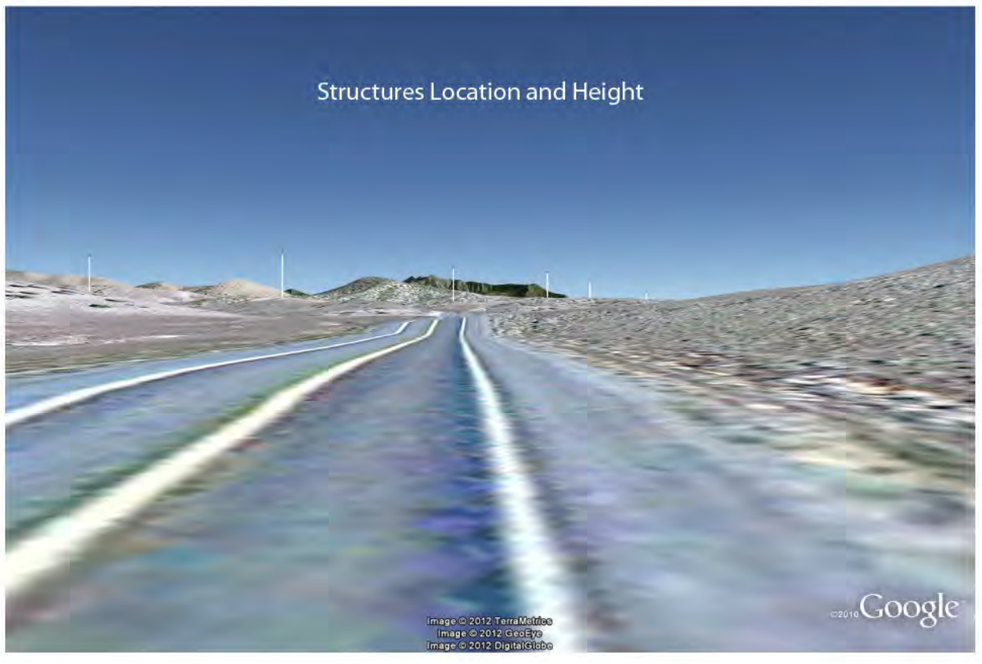
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-8
Utah State Hwy 132
(westbound)
(Segment 360)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** F-9
3. **VRM Class** IV
4. **Location** Utah SH 132 (eastbound)
   Township 13S
   Range 2W
   Section 29
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular ridges.	Blanket and scattered clumps of pinon-juniper, shrubs and grasses.	Planar road.
LINE	Curvilinear and angular mt. ridges and planar valley floor.	Irregular tree and shrub pattern edges.	Horizontal road.
COLOR	Light to medium grey and tan landforms	Light to medium to dark green trees, shrubs and grasses.	Medium grey road.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									x			
Line										x		
Color										x		
Texture											x	

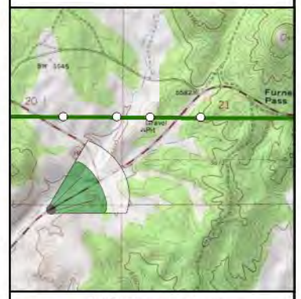
2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No **(Explain on reverse side)**
3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 08/18/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

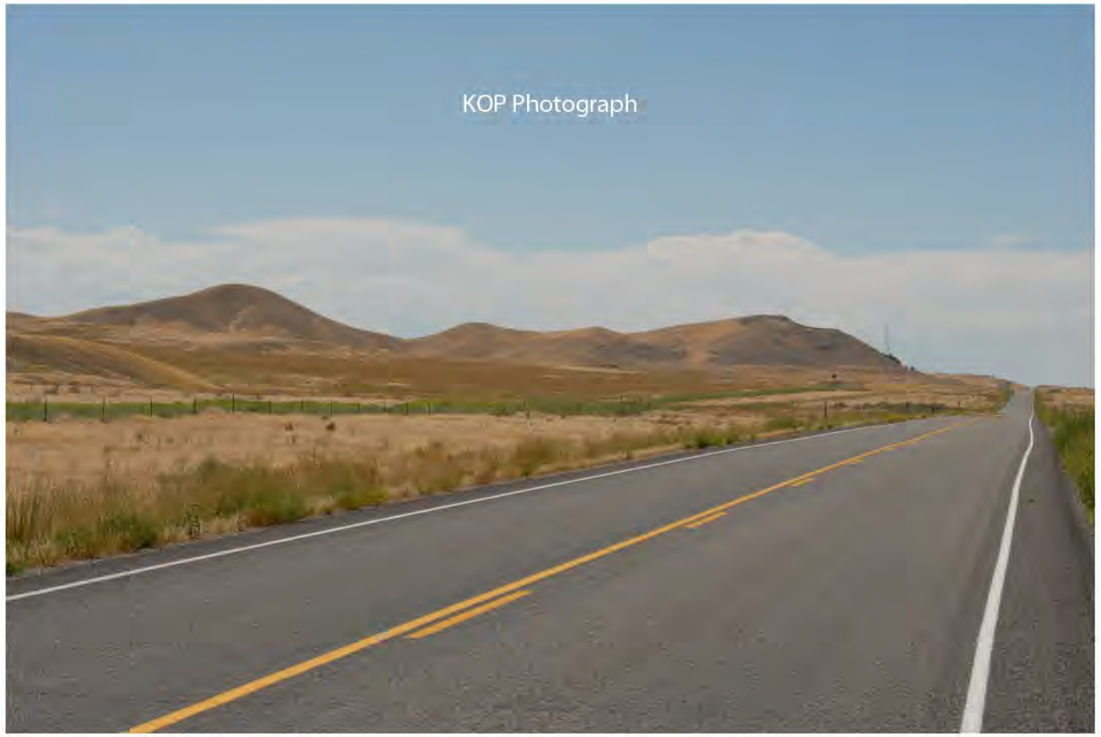
0 1,450 2,900 5,800 Feet

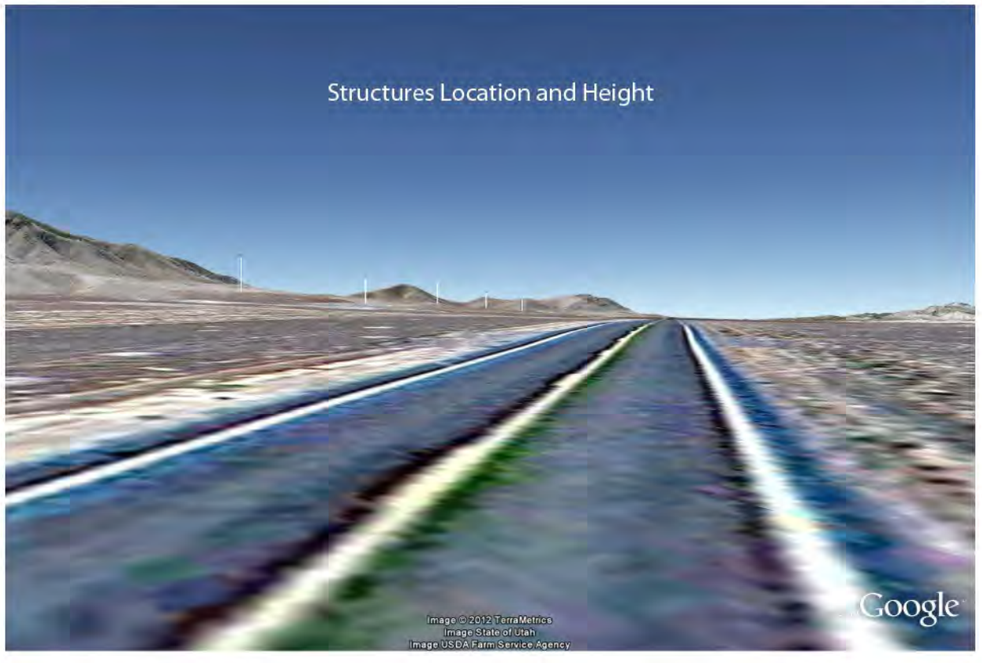
N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-9
Utah State Hwy 132
(eastbound)
(Segment 360)

Western Area Power Administration





Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
F-10

3. VRM Class
III

4. Location U.S. 6 (westbound)
Township 13S
Range 4W
Section 23

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular ridges.	Planar pipeline ROW, clumps and blankets, of shrubs and grasses.	Planar road and fenceline.
LINE	Curvilinear and angular mt. ridges and planar valley floor.	Linear ROW and indistinct shrub and grass pattern edges.	Horizontal road and fenceline.
COLOR	Light to medium tan and brown landforms	Light to medium to dark green ROW and light to medium tan shrubs and grasses.	Medium grey road and dark brown fenceposts..
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form									x			
	Line										x		
	Color										x		
	Texture											x	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)

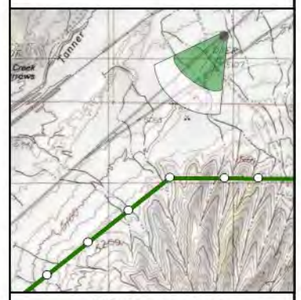
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 08/18/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

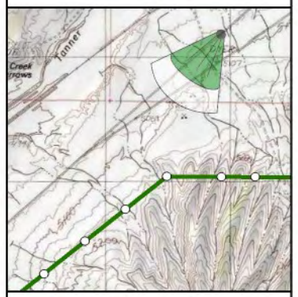
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-10
U.S. 6
(westbound)
(Segment 360)

Project Location



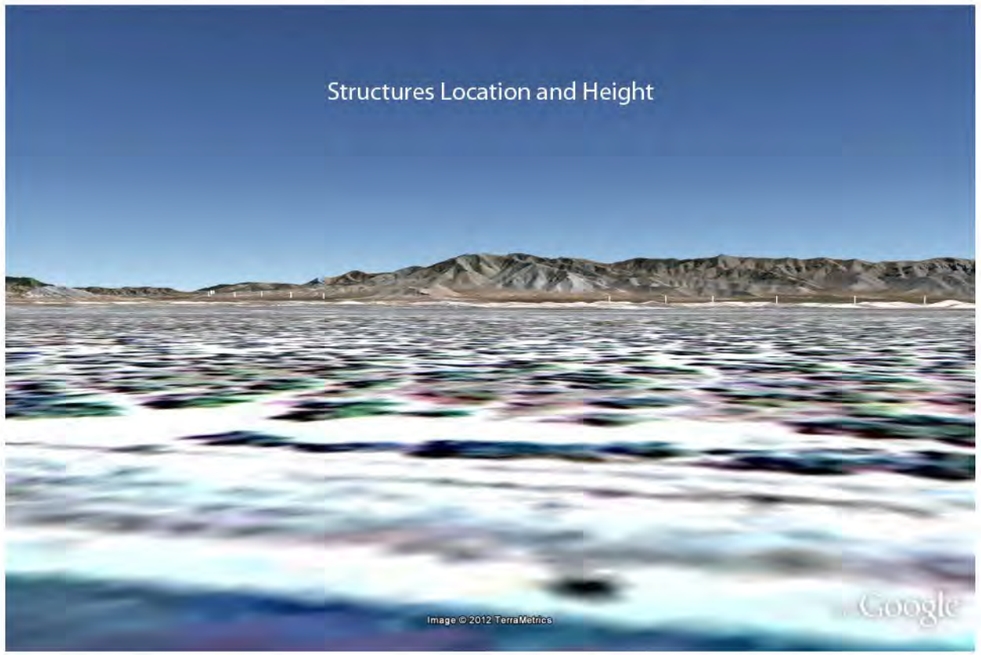
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-10
Simulated Condition
(Segment 360)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** F-11
3. **VRM Class** III (VRI Class III)
4. **Location** Little Sahara Nat. Rec. Area Road
   Township 13S
   Range 5W
   Section 26
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular ridges, rolling dunes, and planar valley floor	Clumps and blankets of sagebrush and grasses. Blankets of PJ in background.	
LINE	Curvilinear dunes, and angular mt. ridges and planar valley floor.	Indistinct shrub and grass pattern edges.	
COLOR	Very light to medium tan landforms	Light to medium silver green sagebrush and light tan grasses.	
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No **(Explain on reverse side)**

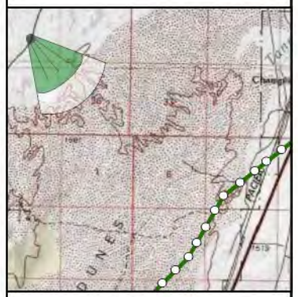
3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 08/18/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



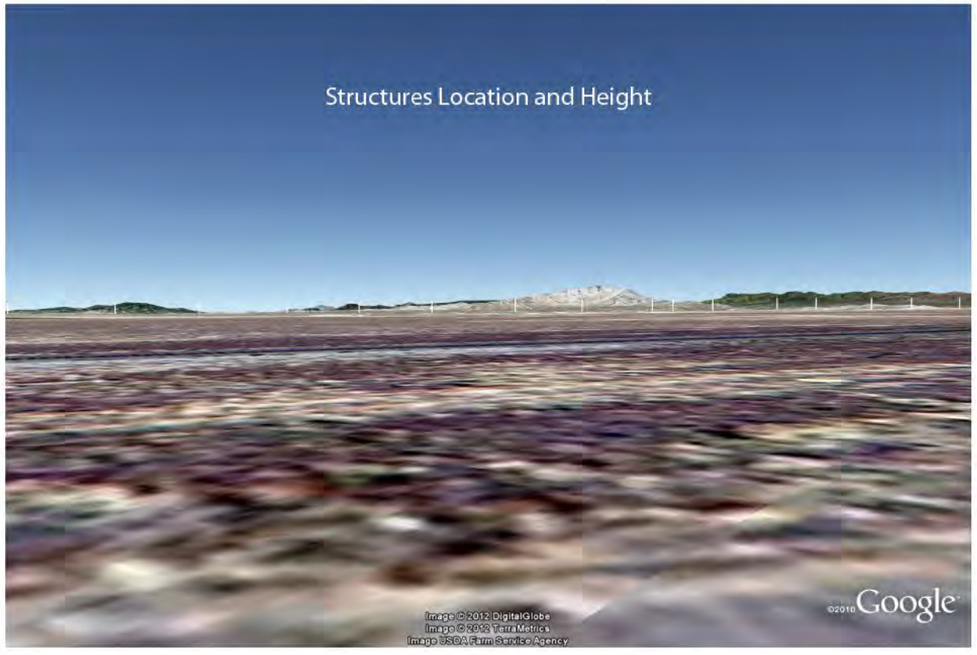
KOP Location

Feet
0 4,000 8,000 16,000

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-11
Little Sahara
Recreation Area Road
(Segment 360)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
F-12

3. VRM Class
III

4. Location U.S. 6 View Northwest
Township 14S
Range 5W
Section 36

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular ridges, rolling dunes, and planar valley floor	Clumps of grasses and shrubs and blanket of grasses. Band of PJ in foreground and blanket of PJ in background.	Planar railroad bed and fencelines.
LINE	Curvilinear dunes, and angular mt. ridges and planar valley floor.	Indistinct shrub and grass pattern edges.	Horizontal railroad bed, conductors and vertical fenceposts.
COLOR	Very light to medium tan landforms	Light to medium tan and brown grasses. Light olive green veg in immediate foreground.	Medium to dark grey railroad bed and conductors. Dark brown rails and fence posts.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color										X		
	Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

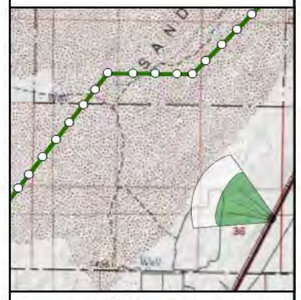
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 08/18/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



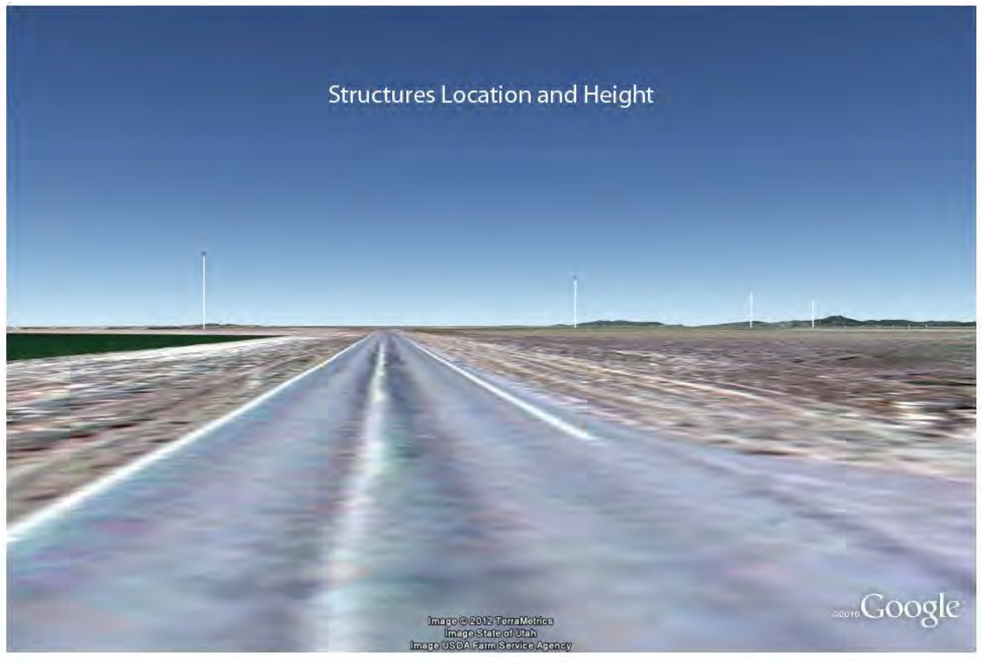
KOP Location

0 3,450 6,900 13,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-12
U.S. 6
(northwest)
(Segment 360)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/12/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** F-13
3. **VRM Class** IV
4. **Location** U.S. 6 (southbound)
   Township 15S
   Range 5W
   Section 14
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor	Planar grasses and clumps of shrubs.	Cubed building, pyramidal transmission line structures, and cylindrical poles.
LINE	Horizontal line of valley floor.	Indistinct shrub and grass pattern edges.	Vertical and horizontal building, vertical poles and t-line structures.
COLOR	Very light to medium tan landform.	Light to medium tan and brown grasses. Light olive green veg in immediate foreground.	Light tan to medium brown structure, grey t-lines and roadway. Dark brown poles and fence posts.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form										x		
	Line										x		
	Color										x		
	Texture											x	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No (Explain on reverse side)
3. **Additional mitigating measures recommended** ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson — **Date** 11/12/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

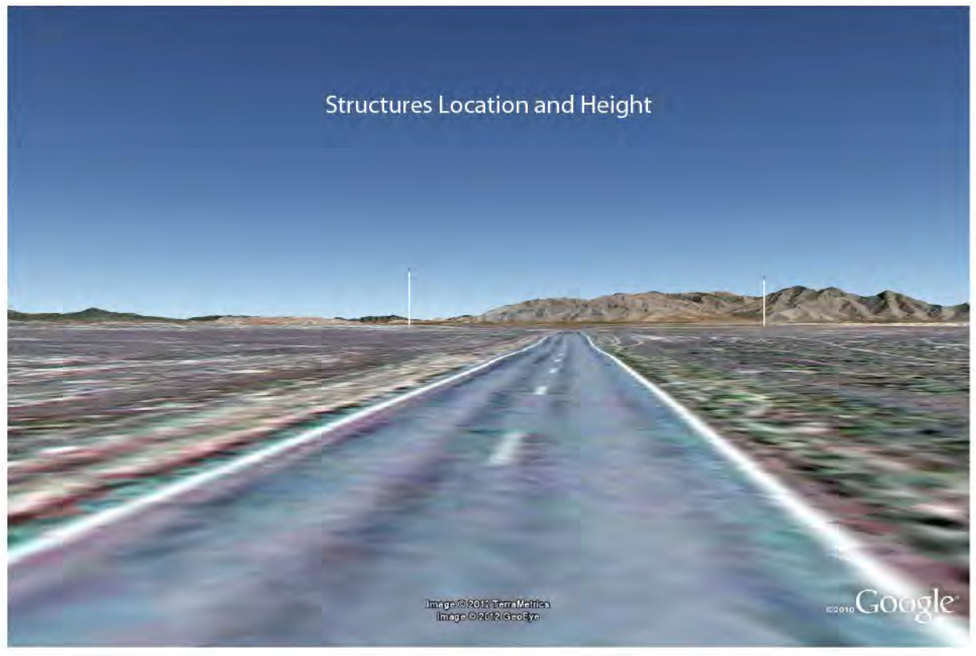
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-13
U.S. 6
(southbound)
(Segment 380)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/12/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** U.S. 6 (northbound)	**5. Location Sketch**
2. Key Observation Point F-14	**Township** 15S	Please see Figure 3.12-2
3. VRM Class IV	**Range** 15W	
	Section 22	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor	Clumps of deciduous trees and shrubs.	Cubed building, pyramidal transmission line structures, and cylindrical poles.
LINE	Horizontal line of valley floor.	Indistinct trees, shrub and grass pattern edges.	Vertical and horizontal building, vertical poles and t-line structures.
COLOR	Very light to medium tan landform.	Light to medium tan and brown trees, shrubs andgrasses.	White and light grey structures and grey roadway. Light to medium brown poles and fence posts.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										x		
Line										x		
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson **Date** 11/12/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-14
U.S. 6
(northbound)
(Segment 380)

Western Area Power Administration

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Utah SH 174 (westbound)	**5. Location Sketch**
2. Key Observation Point F-15	**Township** 15S	Please see Figure 3.12-2
3. VRM Class IV	**Range** 6W	
	Section 29	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Clumps of deciduous trees and shrubs.	Cubed building, inclined conveyer, cylindrical stack, grided substation and pyramidal transmission line structures.
LINE	Horizontal line of valley floor and angular lines of mountains.	Indistinct trees, shrub and grass pattern edges.	Vertical and horizontal building and substation, inclined conveyer, vertical t-line structures and fence posts.
COLOR	Very light to medium tan landform.	Light to medium tan and brown trees, shrubs andgrasses.	Light to medium tans and browns in structure. Light to dark grey stack. Light to medium grey sub & t-line. fence posts.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Delta steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No **(Explain on reverse side)**

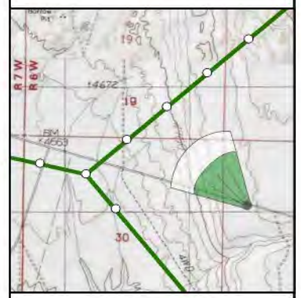
3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 08/18/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-15
Utah State Hwy 174
(westbound)
(Segment 420)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: F-16
3. VRM Class: III
4. Location: Utah SH 174 (eastbound); Township 15S; Range 8W; Section 16
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains in background.	Clumps of deciduous trees and shrubs.	Cubed building, cylindrical stack, and pyramidal transmission line structures. Planar roadways.
LINE	Horizontal line of valley floor and angular lines of mountains.	Indistinct tree and shrub pattern edges.	Vertical and horizontal building and substation and vertical t-line structures. Horizontal roadways.
COLOR	Very light grey and tan landform.	Medium to dark olive green trees and shrubs.	Light to medium tans in structure. Light to medium grey stack. Light to medium grey t-lines and roadways.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form												
Line												
Color												
Texture												

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 08/18/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

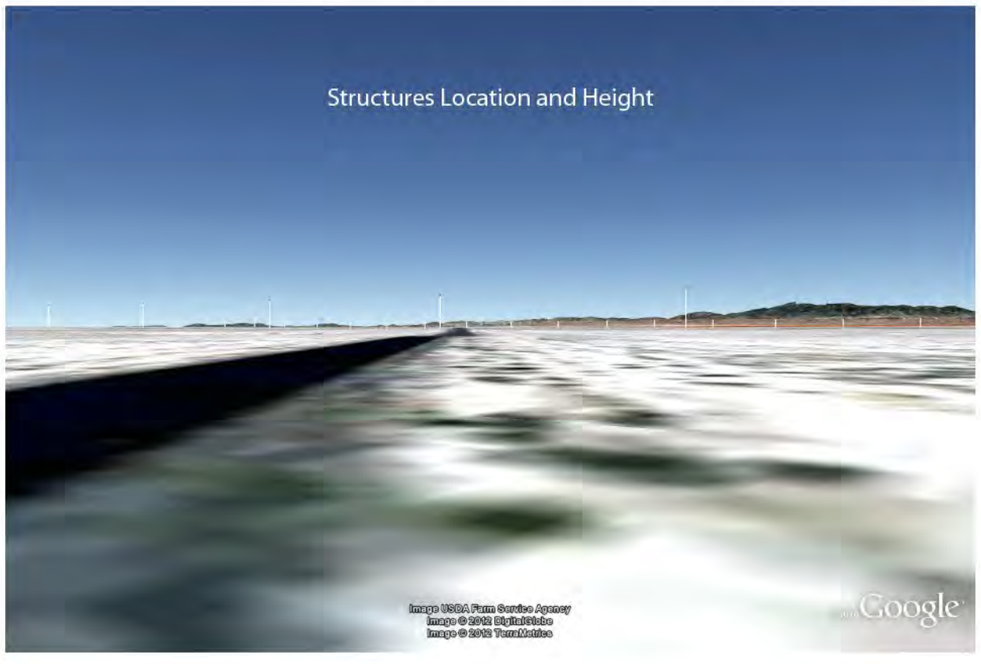
Feet
0 1,400 2,800 5,600

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-16
Utah State Hwy 174
(eastbound)
(Segment 450)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
F-17

3. VRM Class
IV

4. Location U.S. 50 (westbound)
Township 18S
Range 9W
Section 18

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Clumps of shrubs and grasses.	Pyramidal and planar transmission line structures. Planar roadway.
LINE	Horizontal line of valley floor and angular lines of distant mountains.	Indistinct shrub and grass pattern edges.	Vertical and horizontal t-line structures.
COLOR	Very light to medium tan landform.	Light to medium tan and green shrubs and grasses.	Light to dark grey and brown t-lines. Medium to dark grey roadway.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Delta steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES												2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)	
Elements	Form											X		Evaluator's Names: M. Paulson	Date: 08/19/2011
	Line											X			
	Color											X			
	Texture												X		

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

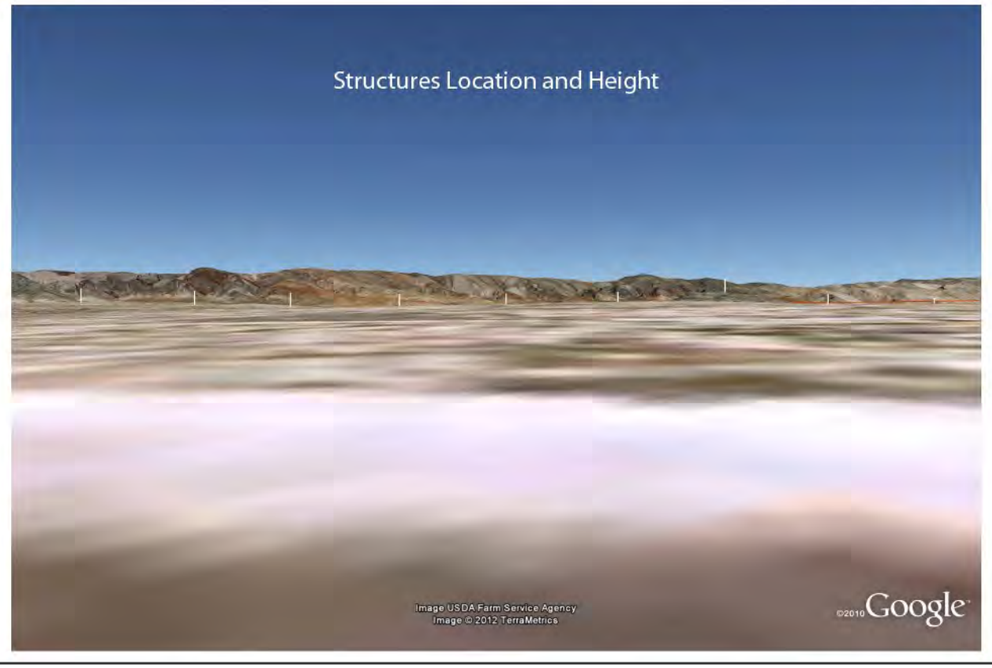
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-17
U.S. 50
(westbound)
(Segment 460)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
F-22

3. VRM Class
IV

4. Location Utah SH 257 (southbound)
Township 23S
Range 10W
Section 25

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Clumps of shrubs and grasses.	Pyramidal and planar transmission line structures. Planar roadway.
LINE	Horizontal line of valley floor and angular lines of distant mountains.	Indistinct shrub and grass pattern edges.	Vertical and horizontal t-line structures.
COLOR	Very light to medium tan landform.	Light to medium tan and green shrubs and grasses.	Light to dark grey and brown t-lines. Medium to dark grey roadway.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Delta steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color											X	
Texture												X

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

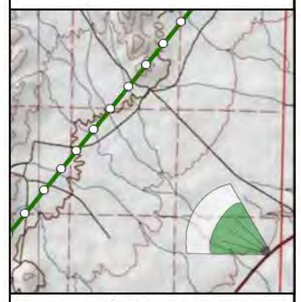
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 08/19/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



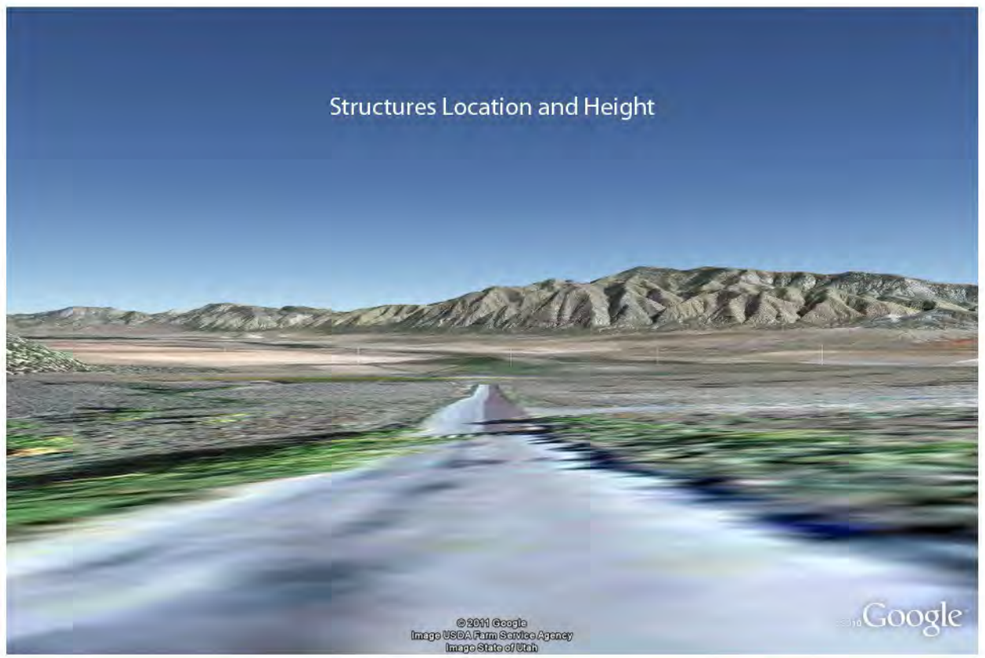
KOP Location

0 2,700 5,400 10,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-22
Utah State Hwy 257
(southbound)
(Segment 480)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: F-23
3. VRM Class: USFS SIO High
4. Location: Maple Grove Campground; Township 21S; Range 2.5W; Section 1
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and wide planar valley floor.	Blanket and scattered clumps of pinon-juniper, shrubs and grasses.	Planar roadway and wooden poles.
LINE	Curvilinear and angular mt. ridges and horizontal valley floor.	Irregular tree and shrub pattern edges.	Horizontal roadway and vertical poles.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey roads and medium brown poles.
TEX-TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form								X		X		
Line								X		X		
Color								X		X		
Texture								X			X	

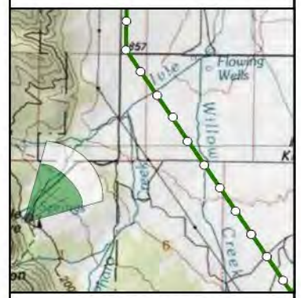
2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 07/28/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would be consistent with Moderate SIO or Partial Retention VQO management objectives. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

Feet
0 2,700 5,400 10,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-23
Maple Grove Campground
(Segment 330.1)

Western Area Power Administration

Project Location

KOP Location

0 2,700 5,400 10,800 Feet

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-23
Simulated Condition
(Segment 330.1)

Western Area Power Administration

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
F-24

3. VRM Class
IV

4. Location US 50 EB
Township 19S
Range 2W
Section 16

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and wide valley floor.	Blanket and scattered clumps of pinon-juniper, shrubs and grasses.	Planar roadway.
LINE	Curvilinear and angular mt. ridges and inclined valley floor.	Irregular tree and shrub pattern edges.	Horizontal roadway.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey roads and medium brown poles.
TEX-TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									x			
Line										x		
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

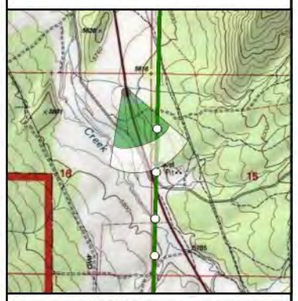
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/27/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



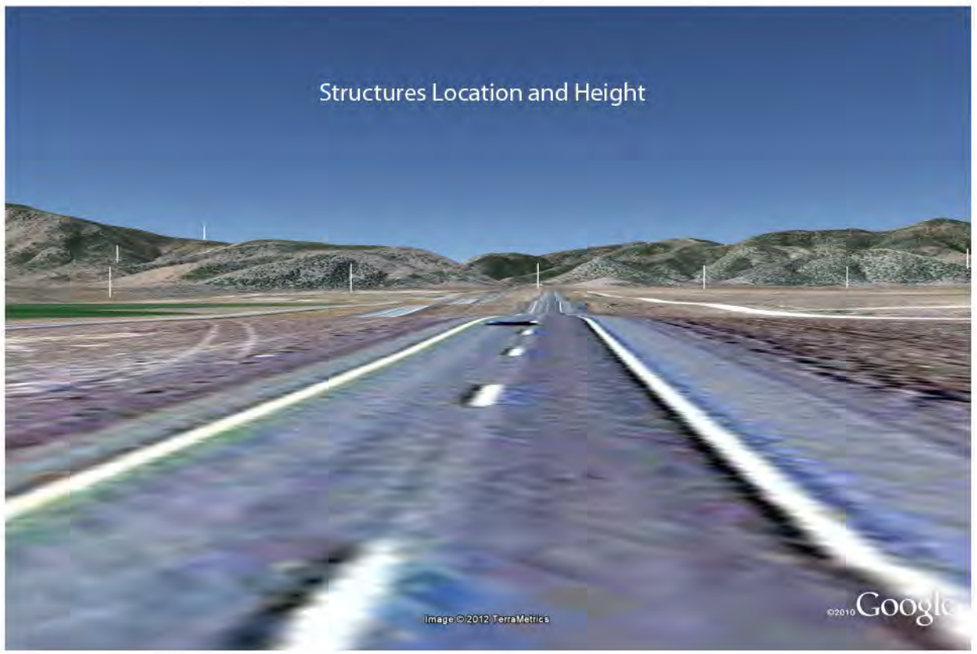
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-24
U.S. 50
(eastbound)
(Segment 330.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: F-25
3. VRM Class: IV (VRI Class III)
4. Location: I-15 SB; Township 18S; Range 3W; Section 24
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and wide valley floor.	Blanket and scattered clumps of pinon-juniper, shrubs and grasses.	Cylindrical poles, planar roadway, and billboard structures.
LINE	Curvilinear and angular mt. ridges and inclined planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles, horizontal roadway and horizontal and vertical structures.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles, light to medium grey road lanes and multi-colored structures.
TEX-TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									x			
	Line										x		
	Color										x		
	Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 07/27/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

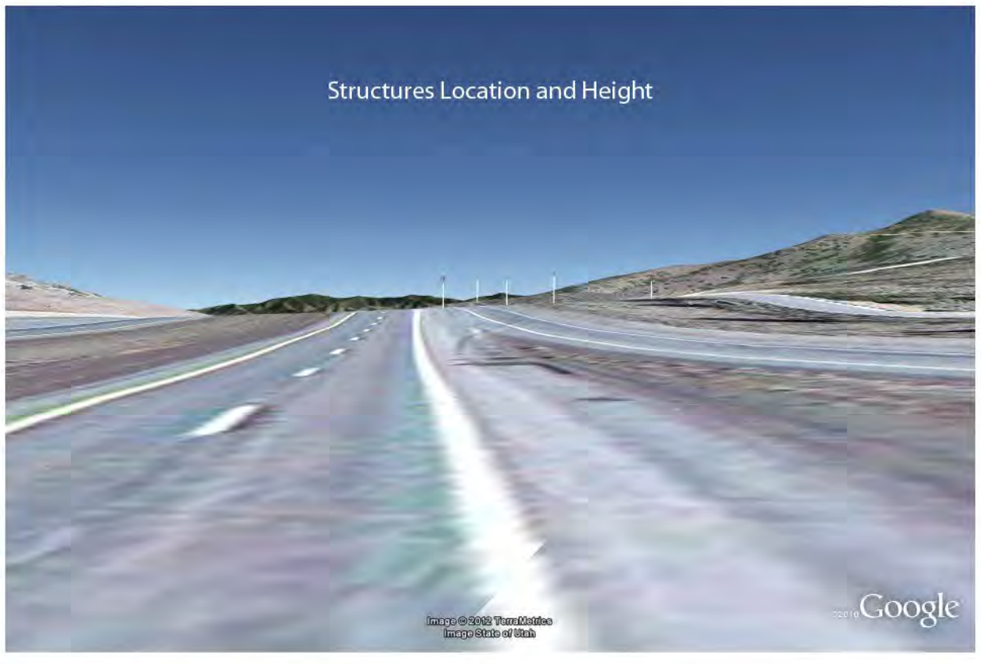
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-25
Interstate-15
(southbound)
(Segment 400)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
F-26

3. VRM Class
IV (VRI Class III)

4. Location I-15 NB
Township 18S
Range 3W
Section 34

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and wide valley floor.	Blanket and scattered clumps of pinon-juniper, shrubs and grasses.	Cylindrical poles and planar roadway lanes.
LINE	Curvilinear and angular mt. ridges and inclined planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles and horizontal roads.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles and light to medium grey roads.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/27/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-26
Interstate 15
(northbound)
(Segment 410)

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(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
F-27

3. VRM Class
IV (VRI Class III)

4. Location U.S. 6 (southbound)
Township 16S
Range 6W
Section 13

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar to gently rolling valley floor.	Blanket and scattered clumps of shrubs and grasses.	Planar roadway lanes.
LINE	Horizontal and slightly angular foreground skyline.	Irregular shrub and grass pattern edges.	Horizontal road.
COLOR	Light to medium reddish tan.	Light to medium to dark green shrubs and reddish tan grasses.	Light to medium grey road.
TEX-TURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									X			
	Line										X		
	Color										X		
	Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 08/18/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

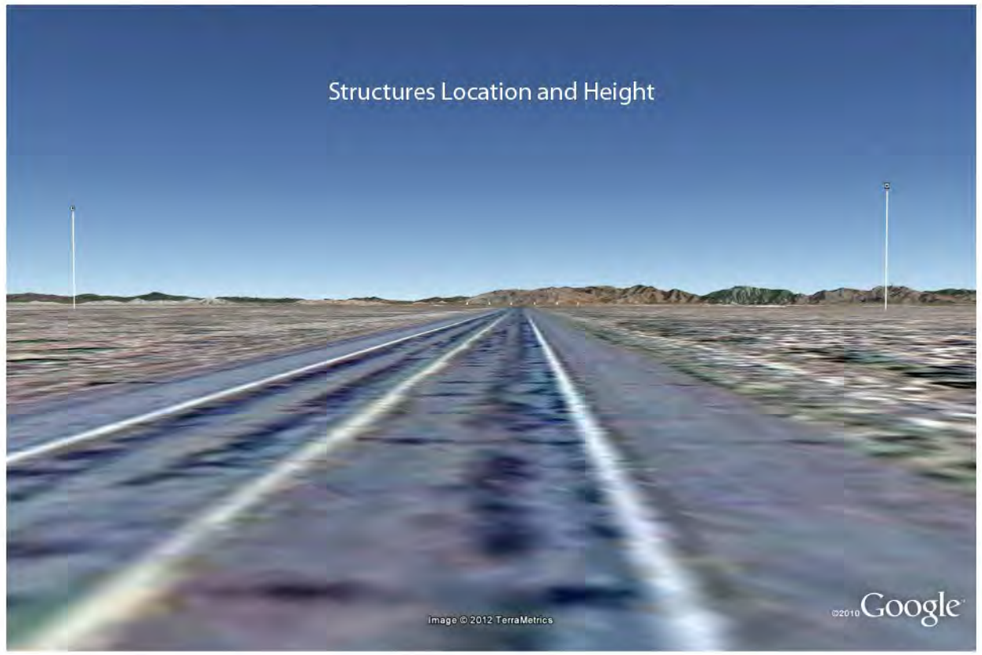
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-27
U.S. 6
(southbound)
(Segment 410)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
F-28

3. VRM Class
IV (VRI Class III)

4. Location U.S. 6 (northbound)
Township 16S
Range 6W
Section 23

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Blanket and scattered clumps of shrubs and grasses.	Planar roadway lanes. Distance t-lines.
LINE	Horizontal and slightly angular foreground skyline.	Irregular shrub and grass pattern edges.	Horizontal road. Vertical t-lines.
COLOR	Light to medium reddish tan.	Light to medium to dark green shrubs and reddish tan grasses.	Light to medium grey road and t-lines.
TEX-TURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 08/18/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

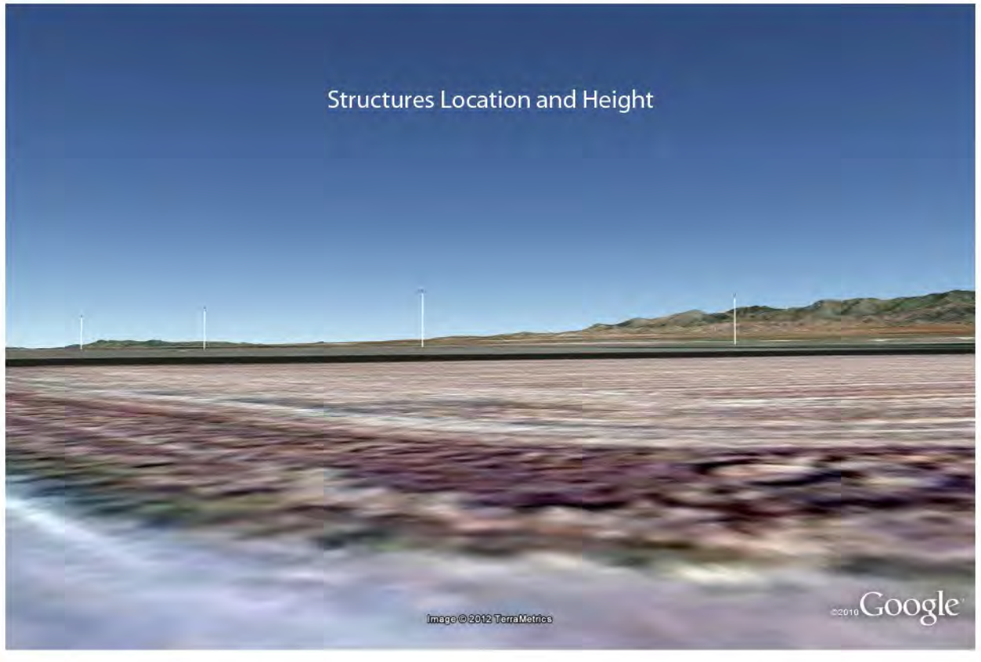
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-28
U.S. 6
(northbound)
(Segment 410)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** F-29
3. **VRM Class** Private
4. **Location** U.S. 50 (northbound)
   Township 18S
   Range 5W
   Section 33
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses.	Planar roadway lanes. Distance t-lines.
LINE	Horizontal and slightly angular foreground skyline.	Horizontal fence rows and grass patterns.	Vertical t-lines and fence posts.
COLOR	Light to medium reddish tan.	Light to medium to dark green shrubs and reddish tan grasses.	Light to medium grey and brown t-lines and fence posts.
TEX-TURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form												
	Line												
	Color												
	Texture												

2. **Does project design meet visual resource management objectives?** ☐ Yes ☐ No **(Explain on reverse side)**

3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 08/19/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-29
U.S. 50
(northbound)
(Segment 410)

Western AREA POWER ADMINISTRATION

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: F-30
3. VRM Class: III
4. Location: Nephi City Street E1250N, Township 12S, Range 1E, Section 33
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and narrow valley floor.	Scattered clumps of trees, shrubs and grasses.	Cylindrical poles foreground and midground and residential structures.
LINE	Curvilinear and angular mt. ridges and planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles and horizontal and vertical structures.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles and structures.
TEX-TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 07/27/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

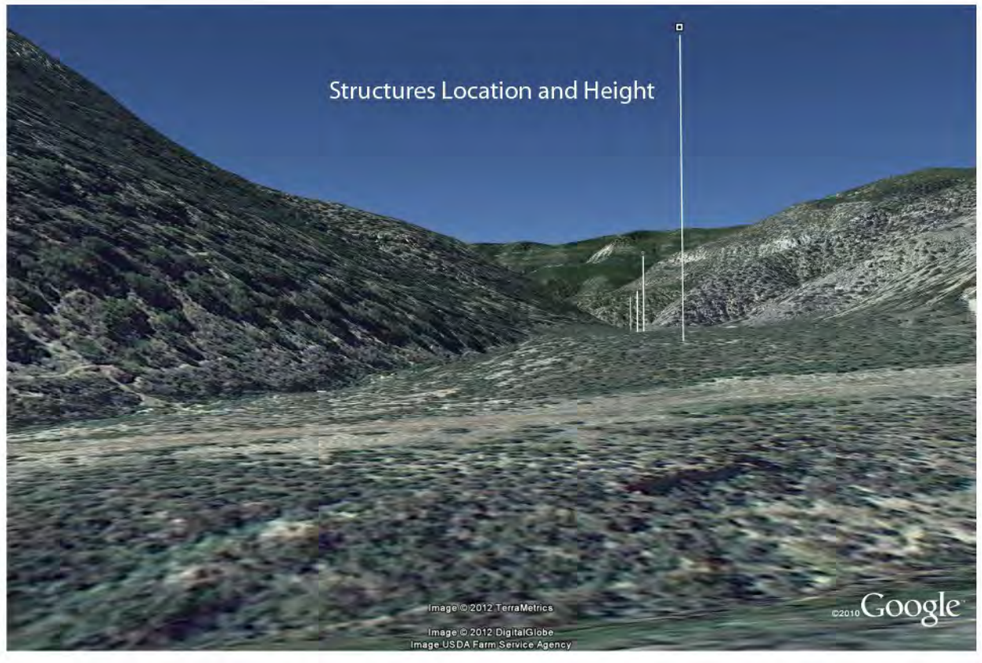
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-30
Nephi City Street E1250N
(Segment 340)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/07/2010
District Grand Junction FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: GJ-15
3. VRM Class: Private
4. Location: Baxter Pass Road (northbound); Township 006S; Range 103W; Section 007
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of pinon-juniper and organic clumps of sagebrush and rabbit brush.	NA
LINE	Strong angular lines of skyline. Angular side slopes and foreground ridgeline.	Indistinct lines in surface of pinon-juniper, sagebrush, rabbit brush and grasses.	NA
COLOR	Very light, medium, and dark brown slopes.	Dark olive pinon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	NA
TEX-TURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture												

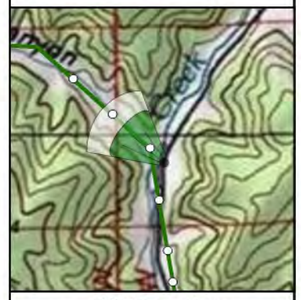
2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 11/07/10

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

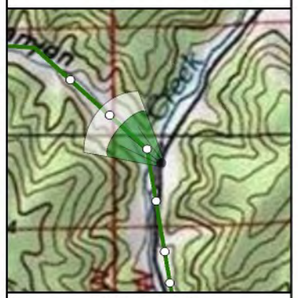
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP GJ-15
Baxter Pass Road
(northbound)
(Segment 220.1)

Project Location



KOP Location

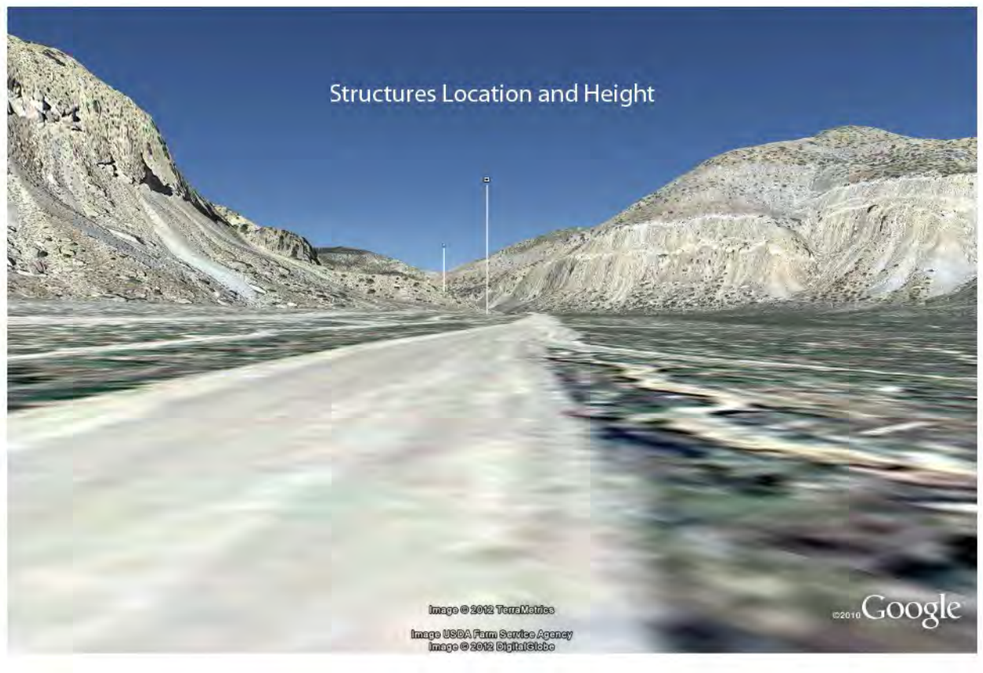
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP GJ-15
Simulated Condition
(Segment 220.1)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/07/2010
District Grand Junction FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: GJ-16
3. VRM Class: II (VRI Class III)
4. Location: Baxter Pass Road (northbound); Township 007S; Range 104W; Section 027
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar cliffs and angular ridges. Angular side slopes.	Organic planar surface of pinon-juniper and organic clumps of sagebrush and rabbit brush.	Planar roadway.
LINE	Strong vertical and banded lines of cliffs. Angular side slopes.	Indistinct lines in surface of pinon-juniper, sagebrush, rabbit brush and grasses.	Slightly curved lines of roadway.
COLOR	Very light, medium, and dark brown slopes.	Dark olive pinon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	Light tan roadway.
TEX-TURE	Smooth to moderate cliffs and overall landform.	Smooth to coarse pinon-juniper, grasses and sagebrush.	Smooth to medium roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 11/07/10

Rationale:
Where the Project would be located with 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not comply with VRM Class II management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong or moderate contrasts to low resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 1,450 2,900 5,800 Feet

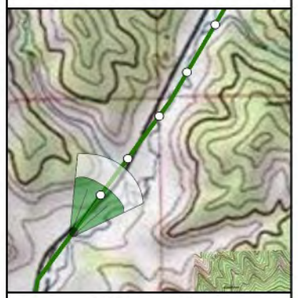
N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP GJ-16
Baxter Pass Road
(northbound)
(Segment 200.1)

Western Area Power Administration

Project Location



KOP Location

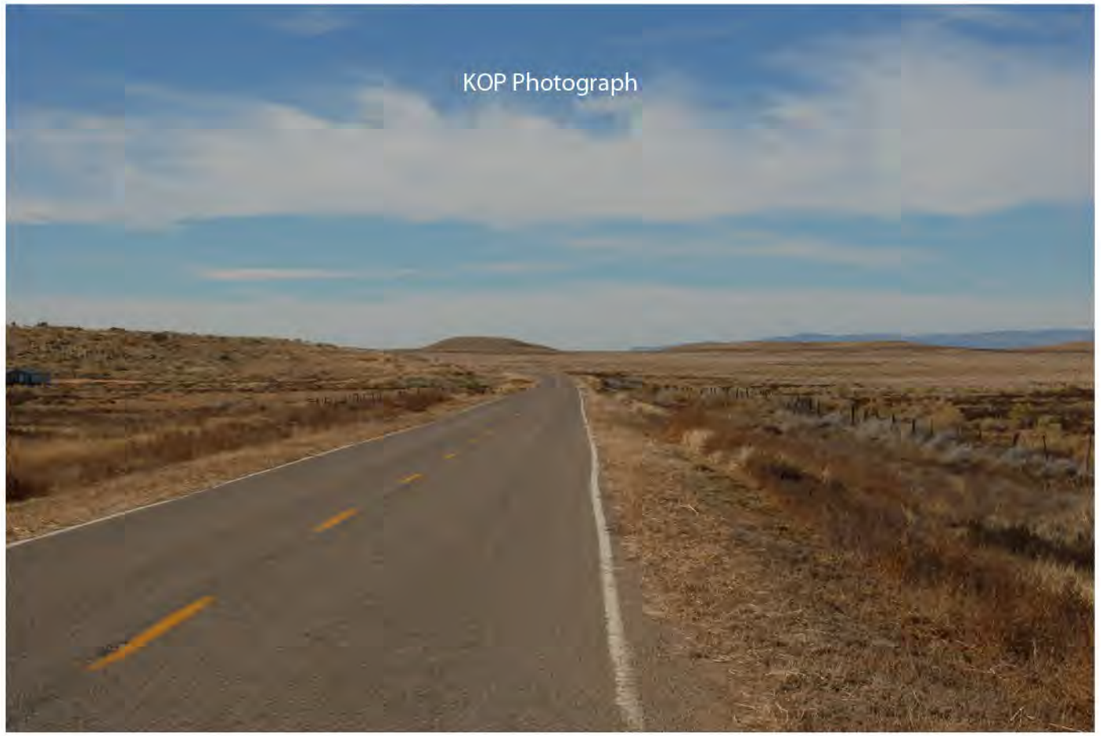
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP GJ-16
Simulated Condition
(Segment 200.1)

Western Area Power Administration



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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/06/2010
District Grand Junction FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** GJ-17
3. **VRM Class** IV (VRI-IV)
4. **Location** Old U.S. 6 (westbound)
   Township 009S
   Range 104W
   Section 028
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar cliffs and angular ridges. Angular side slopes.	Organic clumps of sagebrush, greasewood, rabbit brush, and grasses.	Planar road and shoulders, and columnar fence posts.
LINE	Strong vertical and horizontal banded lines of cliffs. Angular side slopes.	Indistinct lines in surface of sagebrush, greasewood, rabbit brush and grasses.	Parallel lines of roadway. Vertical lines of fence posts.
COLOR	Very light, medium, and dark brown slopes.	Light tan to brown greasewood, rabbit brush and grasses and light to medium tan sagebrush.	Medium grey road surface. Light to dark brown fence posts.
TEX-TURE	Smooth to moderate cliffs and overall landform.	Smooth to coarse grasses, rabbit brush, greasewood, and sagebrush.	Smooth roadway and fence posts.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No (Explain on reverse side)

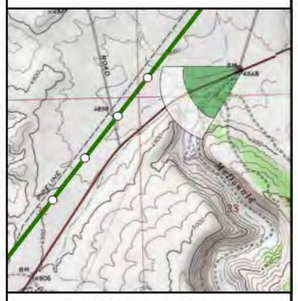
3. **Additional mitigating measures recommended** ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson **Date** 11/06/10

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



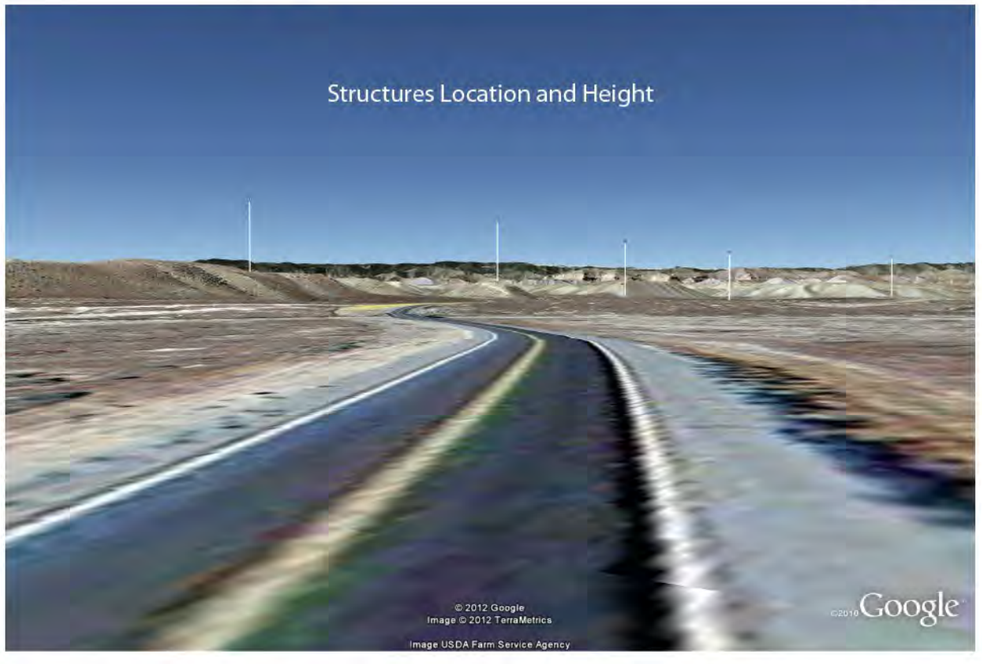
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP GJ-17
Old U.S. 6
(westbound)
(Segment 220.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/07/2010
District Grand Junction FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** GJ-18
3. **VRM Class** IV (VRI Class IV)
4. **Location** Baxter Pass Road (northbound)
   Township 009S
   Range 104W
   Section 003
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar cliffs and angular ridges. Angular side slopes.	Organic planar surface of pinon-juniper and organic clumps of sagebrush, rabbit brush, and grasses.	Planar road and shoulders, and bridge.
LINE	Strong vertical and horizontal banded lines of cliffs. Angular side slopes.	Indistinct lines in surface of pinon-juniper, sagebrush, rabbit brush and grasses.	Curved lines of roadway. Vertical and horizontal lines of bridge.
COLOR	Very light, medium, and dark brown slopes.	Dark olive pinon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	Dark grey road surface. Light tan shoulders. White to medium grey bridge structure.
TEXTURE	Smooth to moderate cliffs and overall landform.	Smooth to coarse pinon-juniper, grasses, rabbit brush and sagebrush.	Smooth roadway and shoulders and medium bridge..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									x			
	Line										x		
	Color										x		
	Texture											x	

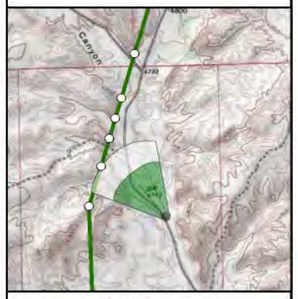
2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No **(Explain on reverse side)**
3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson — **Date** 11/07/10

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

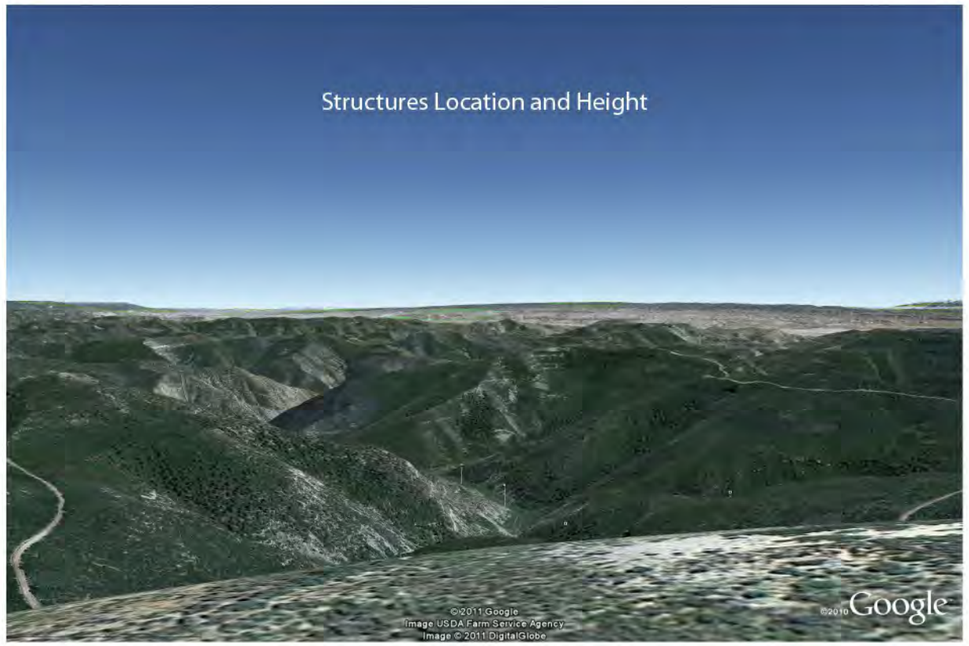
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP GJ-18
Baxter Pass Road
(northbound)
(Segment 220.1)

KOP Photograph



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/07/2010
District Grand Junction FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Baxter Pass South View **Township** 005S **Range** 103W **Section** 034	**5. Location Sketch** Please see Figure 3.12-2
2. Key Observation Point GJ-19		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of spruce-fir, pinon-juniper and organic clumps of sagebrush and rabbit brush.	NA
LINE	Strong angular lines of skyline. Angular side slopes and foreground ridgeline.	Indistinct lines in surface of spruce-fir, pinon-juniper, sagebrush, rabbit brush and grasses.	NA
COLOR	Very light, medium, and dark brown slopes.	Dark olive spruce-fir and pinon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	NA
TEX-TURE	Smooth to moderate landform.	Smooth to coarse trees, grasses and sagebrush.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		ROW clearing creates planar forms.	Strongly pyramidal steel lattice structures, and tubular conductors.
LINE		ROW clearing creates horizontal edges.	Vertical steel lattice structures and curvilinear conductors.
COLOR		ROW clearing creates sagebrush and grass colors – bluish greens and tans.	Light silver to dark grey steel lattice structures and conductors.
TEX-TURE		ROW clearing creates smooth textures.	Course steel lattice structures and conductors.

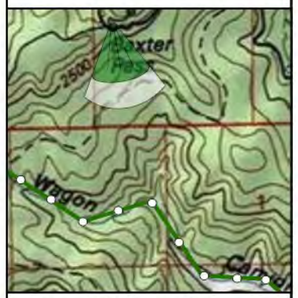
SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES												2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)	
Elements	Form						X			X				Evaluator's Names	Date
	Line						X			X				M. Paulson	11/07/10
	Color						X				X				
	Texture							X			X				

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

Feet
0 1,800 3,600 7,200

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP GJ-19
Baxter Pass
(south view)
(Segment 220.1)

Project Location

KOP Location

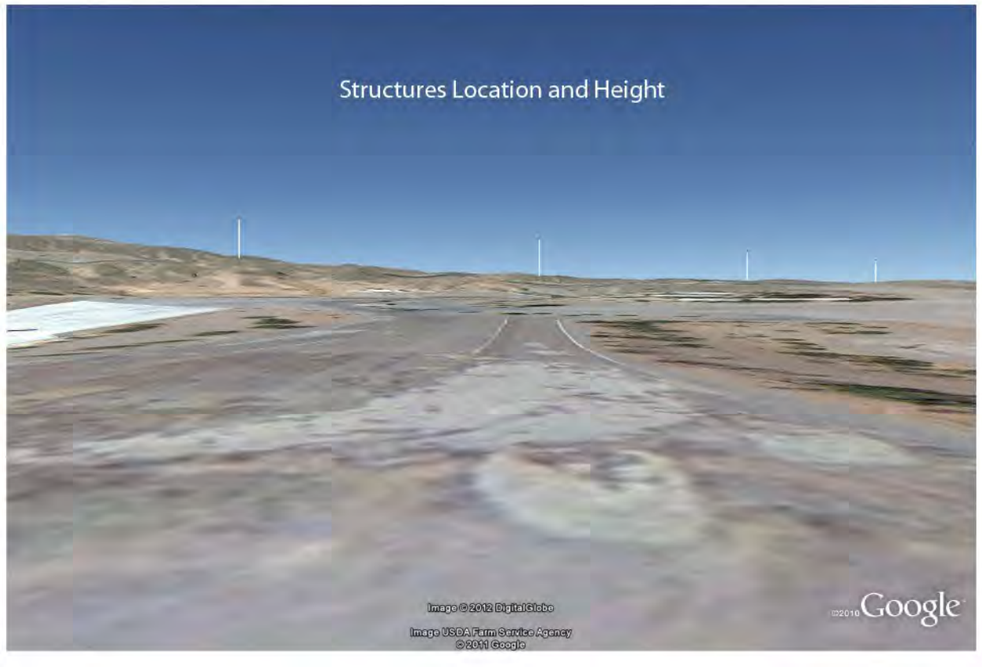
0 1,800 3,600 7,200 Feet

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP GJ-19
Simulated Condition
(Segment 220.1)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LMNRA-1

3. VRM Class
NA

4. Location Las Vegas Bay Boat Launch
Township 21S
Range 64E
Section 019

5. Location Sketch
Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar, graded boat launch parking and angular mountains.	Clumps of palm trees, shrubs and grasses.	Planar roadway and parking area. Cubed buildings and cylindrical utilities.
LINE	Curvilinear and angular ridgelines.	Irregular palm trees, shrubs and grass patterns.	Horizontal roadways and parking. Horizontal and vertical buildings. Vertical utilities.
COLOR	Light to medium reddish tan and grey..	Dark green palm trees and shrubs and tan desert shrubs and grasses.	Light, medium grey roadway and parking. Light grey and reddish tan buildings. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form										X		
Line											X	
Color											X	
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 09/09/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

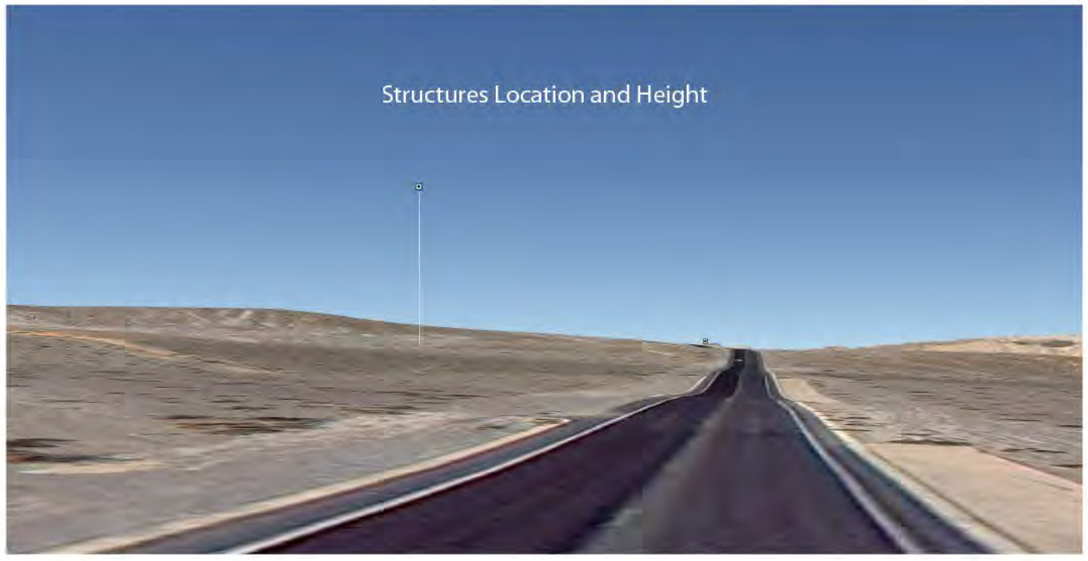
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-1
Las Vegas Bay
Boat Launch
(Segment 710)

KOP Photograph



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LMNRA-2

3. VRM Class
NA

4. Location Lake Mead-Lakeshore Dr.
Township 21S
Range 63E
Section 013

5. Location Sketch
Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadway
LINE	Curvilinear and angular ridgelines.	Irregular shrub and grass patterns.	Horizontal roadway..
COLOR	Light to medium reddish tan and grey..	Tan to brown shrubs and grasses.	Light, medium grey and tan roadways.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structure, spherical jumpers, and tubular conductors.
LINE			Vertical steel lattice structures, rounded jumpers, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, jumpers, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form								X	X			
Line								X	X			
Color								X	X			
Texture								X		X		

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No **(Explain on reverse side)**

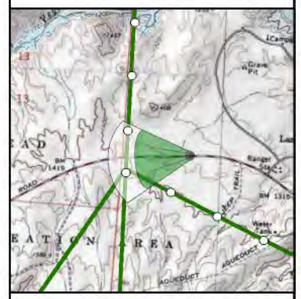
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 09/09/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

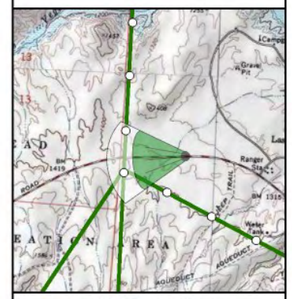
Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-2
Lake Mead
Lakeshore Drive
(Segment 710)

Project Location



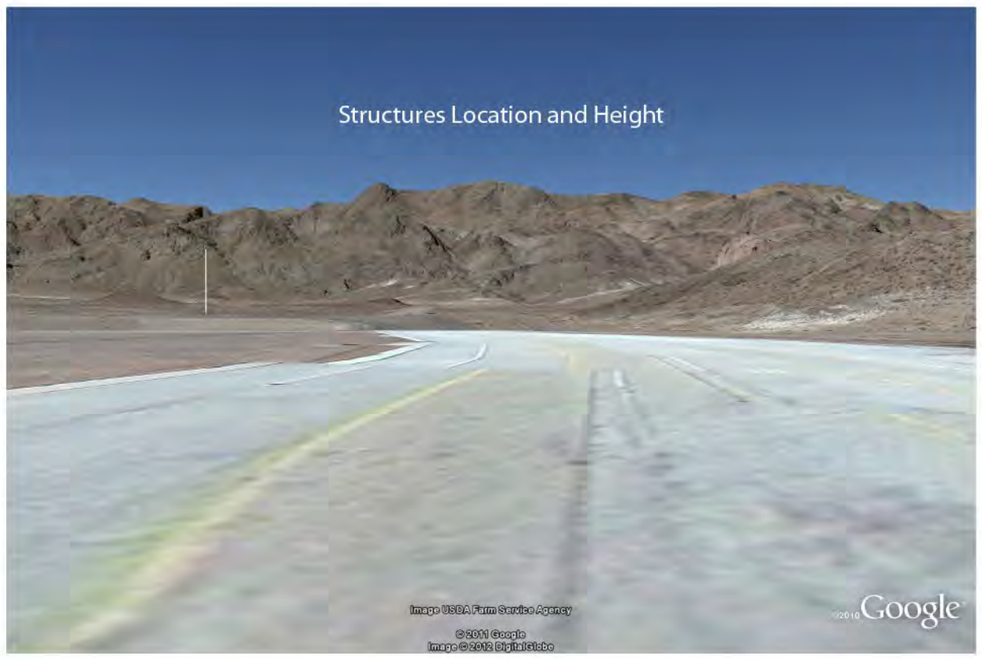
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-2
Simulated Condition
(Segment 710)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LMNRA-3
3. VRM Class: NA
4. Location: Lake Mead Marina-Pyramid Is. Township 22S Range 64E Section 010
5. Location Sketch: Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar, graded boat launch parking and angular mountains.	Clumps of palm trees, shrubs and grasses.	Planar roadway and parking area. Pyramidal steel lattice. Cubed building and cylindrical utilities.
LINE	Angular rock formations and ridgelines.	Irregular palm trees, shrubs and grass patterns.	Horizontal roadways and parking. Horizontal and vertical building. Vertical utilities.
COLOR	Light to medium reddish tan and grey..	Dark green palm trees and shrubs and tan desert shrubs and grasses.	Light, medium grey roadway and parking. Light yellowish tan building. Medium to dark grey utilities.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Medium silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form											X	
Line											X	
Color											X	
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

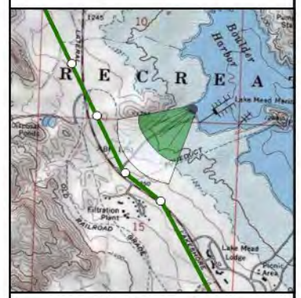
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 09/09/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-3
Lake Mead Marina
Pyramid Island
(Segment 770)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LMNRA-4

3. VRM Class
NA

4. Location Lk Mead Vis Ctr. (93 westbound).
Township 22S
Range 64E
Section 26

5. Location Sketch
Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadway. Cubed residential buildings and cylindrical h-frame poles.
LINE	Angular rock formations and ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadways. Horizontal and vertical buildings. Vertical utilities.
COLOR	Light to medium reddish tan and grey..	Dark green and tan desert shrubs and grasses.	Light, medium grey roadway. Multiple colors of structures. Medium to dark brown utilities.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line											X	
Color											X	
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 09/09/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

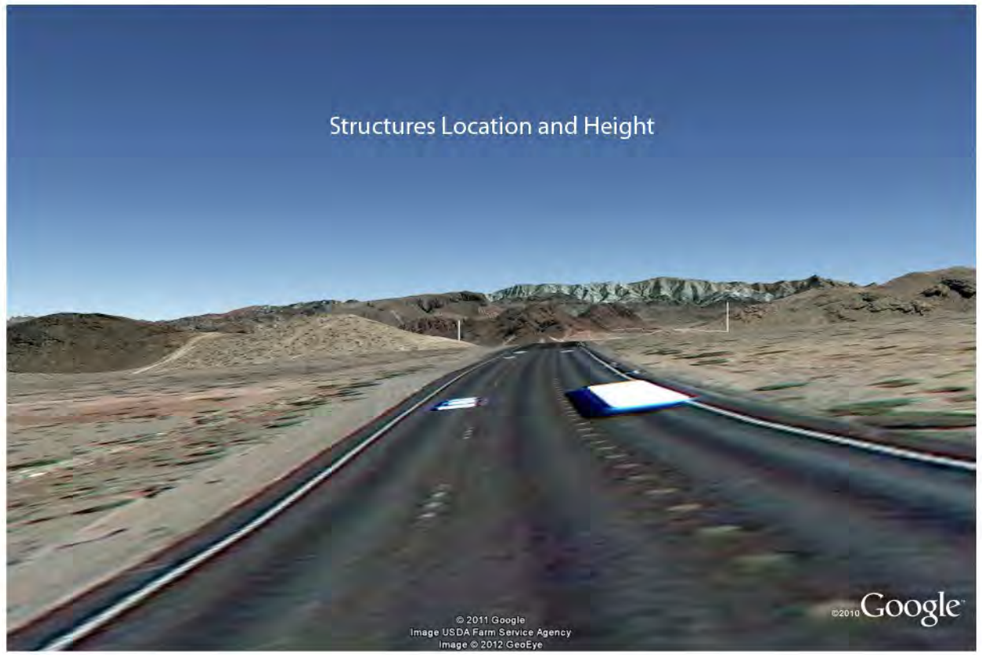
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-4
Lake Mead Visitor Center
(93 westbound)
(Segment 770)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LMNRA-5
3. VRM Class: NA
4. Location: U.S. 93 (eastbound). Township 22S Range 64E Section 034
5. Location Sketch: Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadway. Pyramidal steel lattice structrures. Cubed hotel and cylindrical utility pole.
LINE	Angular rock formations and ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Horizontal and vertical building. Vertical utilities.
COLOR	Light to medium reddish tan and grey..	Dark green and tan desert shrubs and grasses.	Light, medium grey roadway. Tan reddish brown structures. Medium to dark brown utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 09/09/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

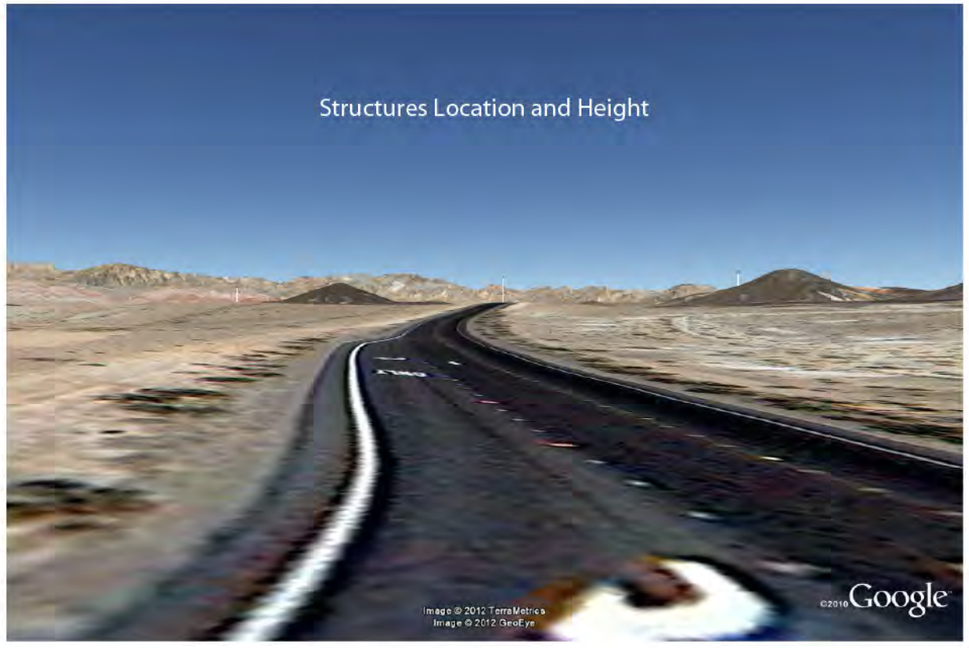
KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-5
U.S. 93
(eastbound)
(Segment 770)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LMNRA-6

3. VRM Class
Private

4. Location Lake Mead Blvd (northbound).
Township 20S
Range 63E
Section 035

5. Location Sketch
Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadway and pullout parking. Multiple pyramidal steel lattice structures.
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form												
Line												
Color												
Texture												

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 09/10/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

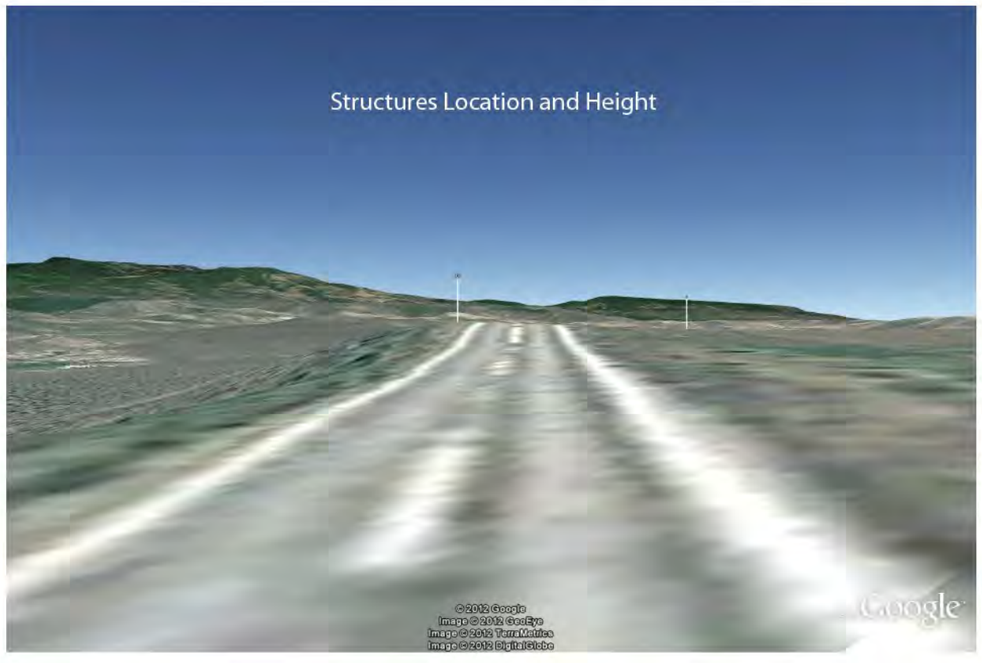
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-6
Lake Mead Boulevard
(northbound)
(Segment 650)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** LS-1
3. **VRM Class** IV (VRI Class III)
4. **Location** Colo. SH 13 (southbound)
   Township 010N
   Range 091W
   Section 011
5. **Location Sketch** Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar foreground roadway. Subtle linear fence posts.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Indistinct sagebrush, rabbit brush and grasses.	Linear horizontal foreground roadway and vertical fence posts..
COLOR	Very light, medium, and dark grey and brown exposed eroded slopes.	Medium olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey foreground roadway and dark brown fence posts.
TEXTURE	Smooth to moderate exposed soils.	Coarse sagebrush. Smooth to coarse grasses.	Smooth to medium foreground roadway and fence posts..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									X			
	Line										X		
	Color										X		
	Texture											X	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No **(Explain on reverse side)**

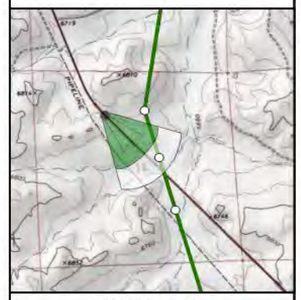
3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



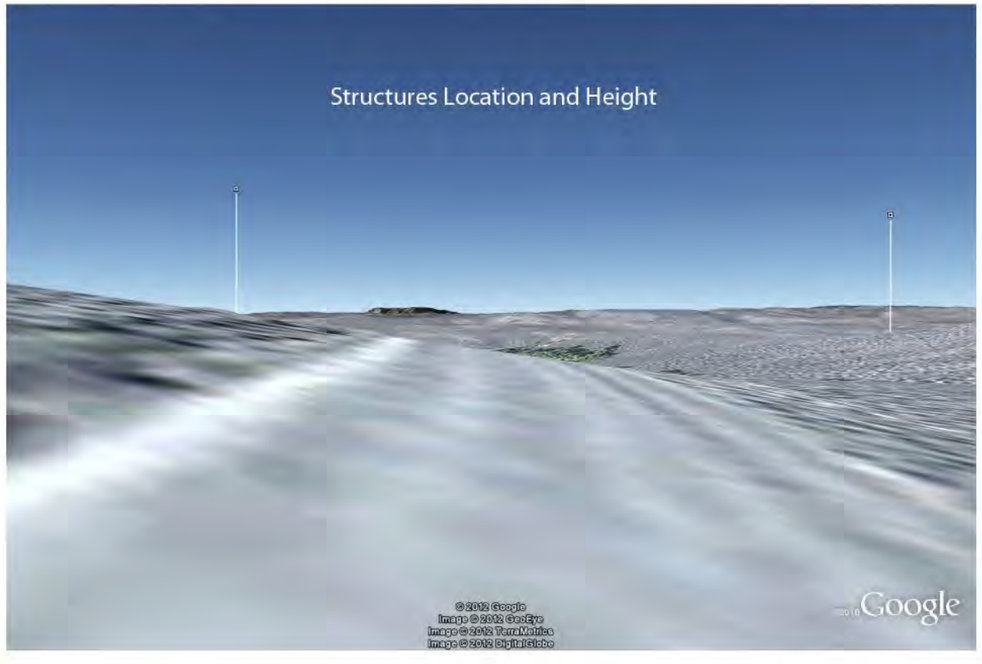
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-1
Colo State Highway 13
(southbound)
(Segment 190)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Recreation Road - Residential	**5. Location Sketch**
2. Key Observation Point LS-2	**Township** 009N	Please see Figure 3.12-1
3. VRM Class III	**Range** 090W	
	Section 035	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges. Angular mountain backdrop and side slopes and erosion cuts.	Organic clumps of mature cottonwoods and rabitt brush and sagebrush. Planar grass patterns..	Cubed and pyramidal ranch buildings. Planar road.
LINE	Strong horizontal ridge and mountain skyline. Angular side slopes. Horizontal valley floor.	Indistinct curvilinear cottonwood trees, rabbit brush and sagebrush.	Horizontal and vertical lines of ranch buildings. Curved road.
COLOR	Very light, medium, and dark brown slopes.	Orange, tan and brown mature cottonwoods. Gold to tan and brown rabbit brush and sagebrush.	Light to medium tan ranch buildings..Light to medium grey roadway.
TEX-TURE	Smooth landforms.	Coarse cottonwoods and shrubs.	Smooth ranch buildings and medium roadway..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No **(Explain on reverse side)**

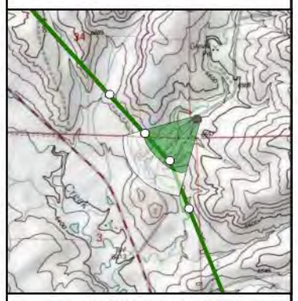
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

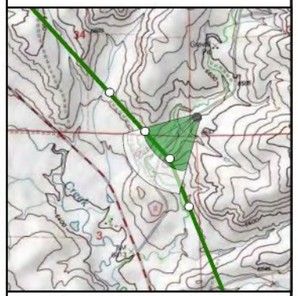
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-2
Recreation Road
Residential
(Segment 190)

Project Location



KOP Location

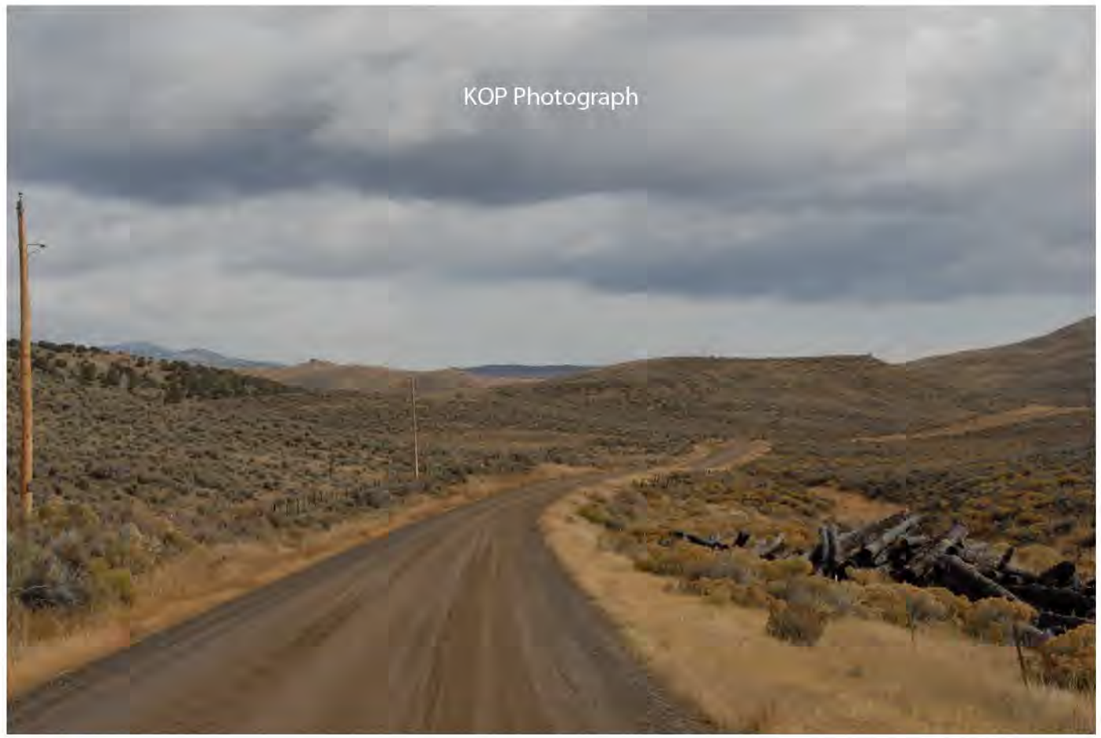
0 1,450 2,900 5,800 Feet

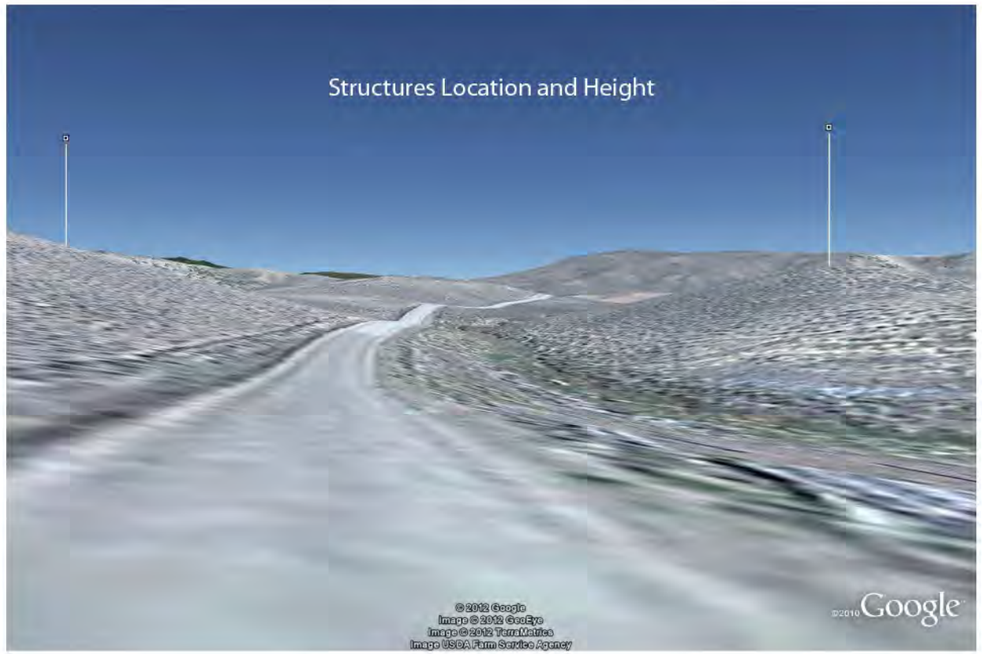
N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-2
Simulated Condition
(Segment 190)

Western Area Power Administration





Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LS-3

3. VRM Class
III

4. Location Recreation Road
Township 008N
Range 090W
Section 003

5. Location Sketch
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges. Angular mountain backdrop and side slopes.	Organic clumps of pinon-juniper, rabbit brush and sagebrush. Planar grass patterns..	Cylindrical utility poles. Planar road.
LINE	Strong horizontal ridge and mountain skyline. Angular side slopes and valley.	Indistinct pinon-juniper, rabbit brush and sagebrush,	Vertical lines of utility poles. Curved road.
COLOR	Very light, medium, and dark brown slopes.	Gold to tan and brown rabbit brush and sagebrush. Dark olive green pinon-juniper.	Light to medium brown utility poles. Medium to dark grey roadway.
TEX-TURE	Smooth landforms.	Coarse pinon-juniper and shrubs.	Smooth utility poles and wood pile and medium roadway..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form									X			
	Line										X		
	Color										X		
	Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)

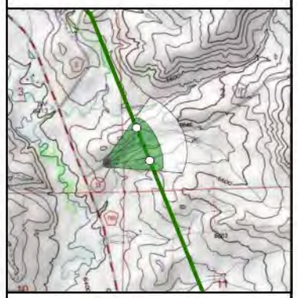
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



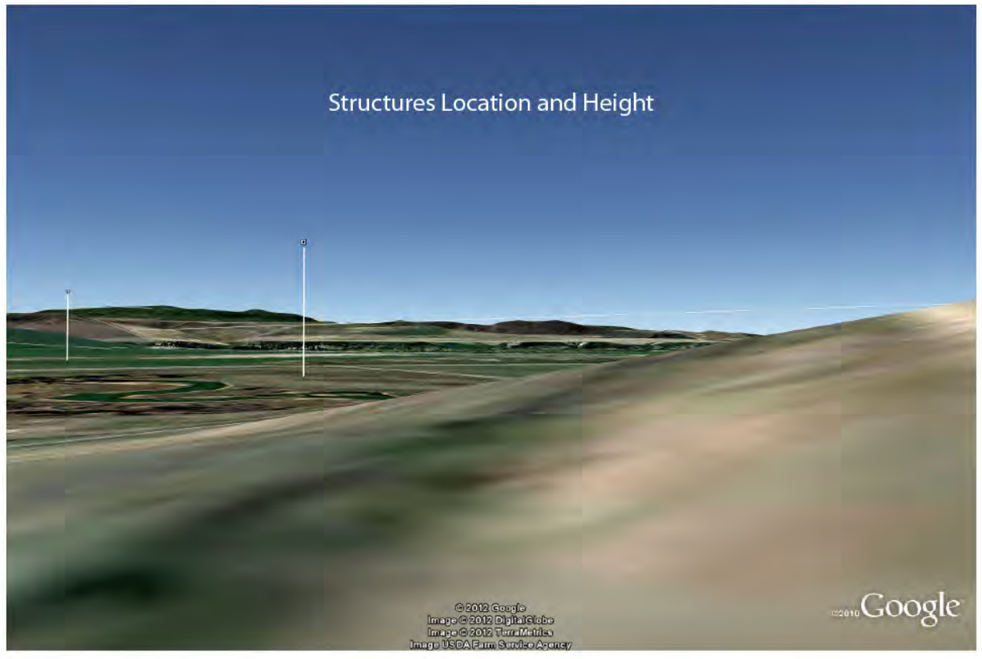
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-3
Recreation Road
(Segment 190)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** LS-4
3. **VRM Class** Private
4. **Location** Recreation Road - Residential
   Township 007N
   Range 089W
   Section 30
5. **Location Sketch** Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges. Angular mountain backdrop and side slopes and erosion cuts.	Organic clumps of mature cottonwoods and riparian shrubs. Planar grass patterns..	Cubed and pyramidal ranch buildings.
LINE	Strong horizontal ridge and mountain skyline. Angular side slopes. Horizontal valley floor.	Distinct curvilinear cottonwood trees and meandering linear bands of riparian shrubs. Horizontal grassland edges.	Indistinct horizontal and vertical lines of ranch buildings..
COLOR	Very light, medium, and dark brown exposed eroded slopes.	Olive green mature cottonwoods. Yellowish olive green greasewood. Bright green field grasses and golden tan to brown native grasses.	Light to moderate grey ranch buildings..
TEX-TURE	Smooth landforms.	Coarse cottonwoods and riparian shrubs. Smooth grasses.	Smooth ranch buildings..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. **Does project design meet visual resource management objectives?** ☐ Yes ☐ No (Explain on reverse side)

3. **Additional mitigating measures recommended** ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

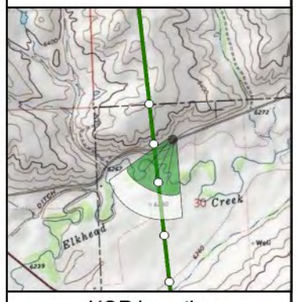
Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-4
Recreation Road
Residential
(Segment 190)

Project Location



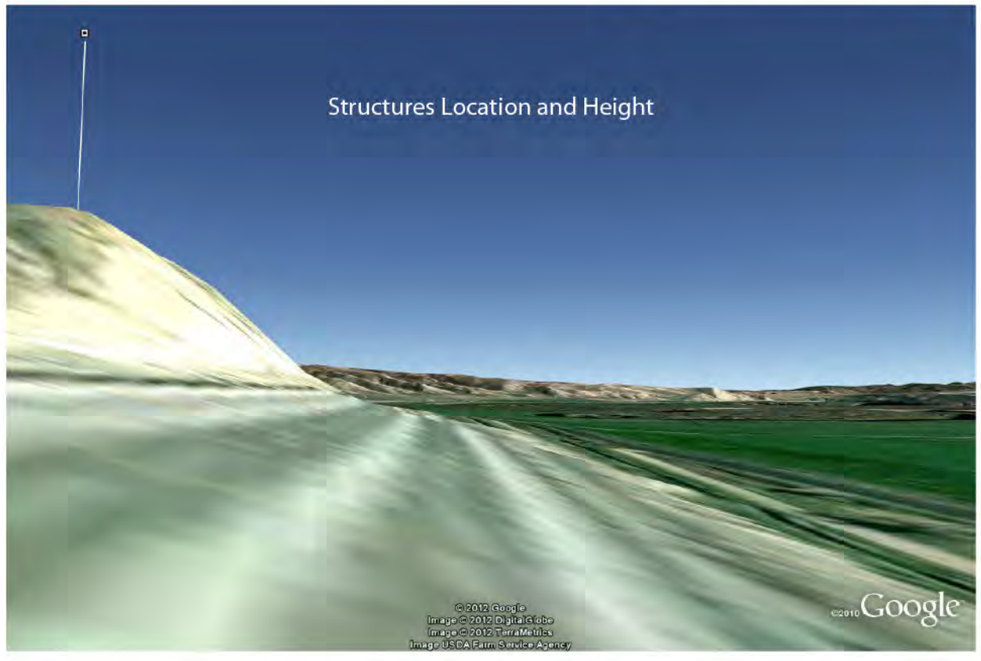
KOP Location

0 1,400 2,800 5,600 Feet

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-4
(Segment 190)
Simulated Condition



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LS-5
3. VRM Class: NA
4. Location: U.S. 40 (eastbound); Township 007N; Range 089W; Section 031
5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges and valley floor. Angular mountain backdrop and side slopes.	Organic clumps of mature cottonwoods and rabitt brush and sagebrush. Planar field grass patterns..	Cylindrical fence posts. Horizontal hay stack cylinders..
LINE	Horizontal ridge and mountain skyline. Angular side slopes. Horizontal valley floor.	Indistinct curvilinear cottonwood trees, rabbit brush and sagebrush. Horizontal field grass.	Horizontal haystacks and vertical lines of fence posts.
COLOR	Very light, medium, and dark tan to brown slopes.	Orange, tan and brown mature cottonwoods. Gold to tan and brown rabbit brush and sagebrush.	Medium to dark brown fence posts.
TEX-TURE	Smooth landforms.	Coarse cottonwoods and shrubs.	Smooth fence posts and haystacks.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 07/22/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

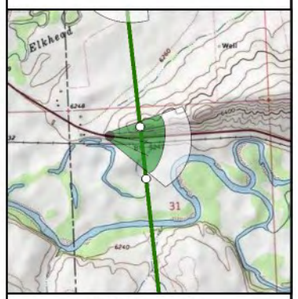
Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-5
U.S. 40
(eastbound)
(Segment 190)

Project Location



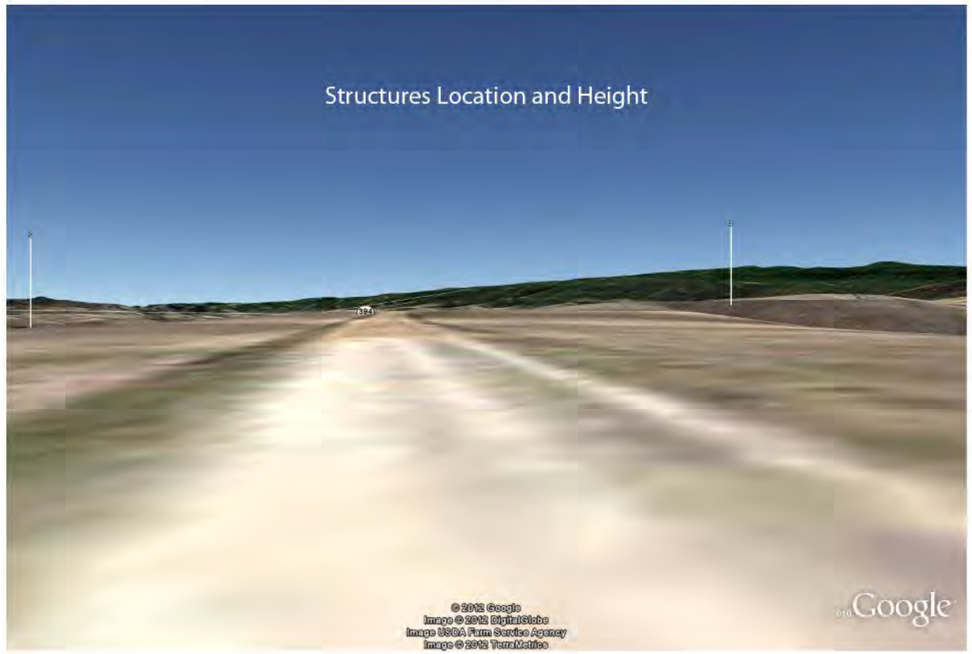
KOP Location

0 1,400 2,800 5,600 Feet

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-5
(Segment 190)
Simulated Condition



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LS-6

3. VRM Class
III (VRI-III)

4. Location Colorado SH 394 Southbound
Township 006N
Range 090W
Section 011

5. Location Sketch
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and background of pinon-juniper.	Planar foreground roadway. Columnar utility poles and linear fence posts.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Horizontal grasses and organic clumps of foreground grasses.	Linear horizontal foreground roadway, vertical and horizontal utility poles and vertical fence posts..
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and dark green pinon-juniper.	Light to medium grey FG roadway, light brown MG roadway and dark brown utility poles and fence posts.
TEX-TURE	Smooth to moderate landforms..	Smooth to coarse grasses and background pinon-juniper.	Smooth paved and medium gravel roadway. Smooth utility poles and fence posts..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form									X			
	Line										X		
	Color										X		
	Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No **(Explain on reverse side)**

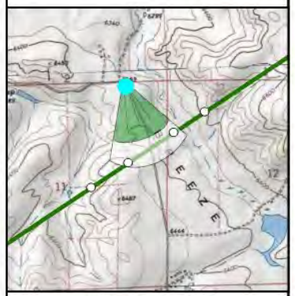
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 10/22/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

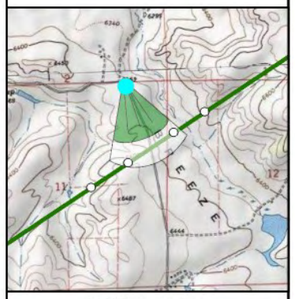
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-6
Color State Hwy 394 (southbound)
(Segment 190)

Project Location



KOP Location

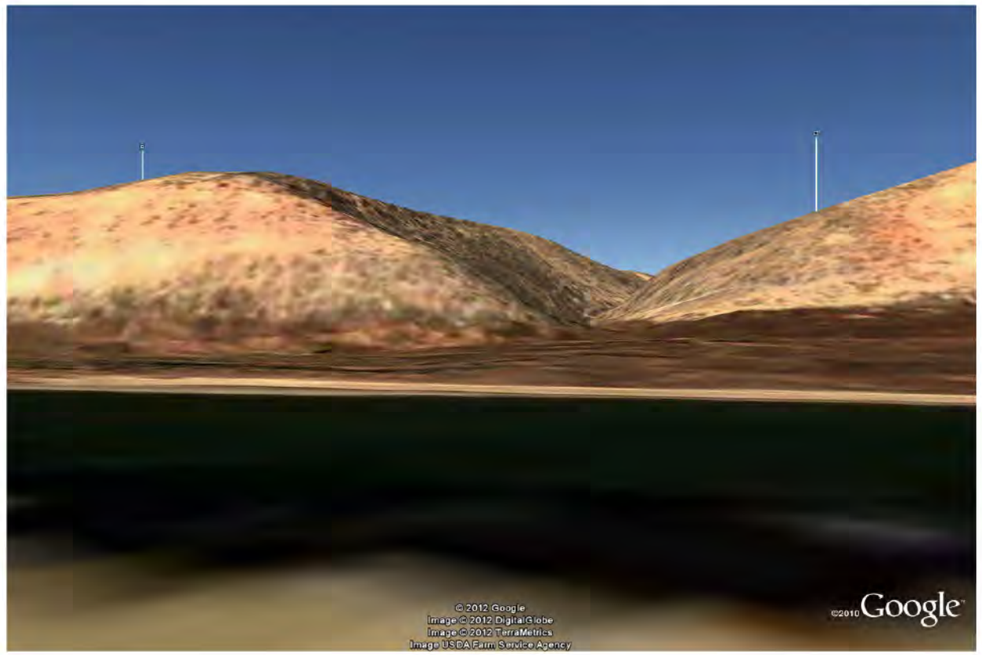
0 1,450 2,900 5,800 Feet

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-6
Simulated Condition
(Segment 190)

Western AREA POWER ADMINISTRATION



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/23/2010
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LS-7
3. VRM Class: III
4. Location: Yampa River Boat Launch; Township 006N; Range 091W; Section 016
5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic clumps of sagebrush and grasses and foreground riparian shrubs.	
LINE	Strong angular skyline. Angular side slopes and banded rock formations..	Indistinct lines of shrubs and grasses.	
COLOR	Very light, medium, and dark tan and brown slopes. Reddish brown rocks.	Light to medium olive green sagebrush and light to medium reddish brown riparian shrubs.	
TEX-TURE	Smooth to moderate landforms and moderate to coarse rocks..	Smooth to coarse shrubs and grasses.	

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 10/23/2010

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

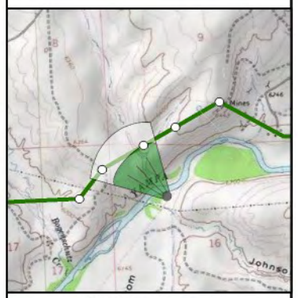
Feet
0 1,400 2,800 5,600

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-7
Yampa River Boat Launch
(Segment 190)

Project Location



KOP Location

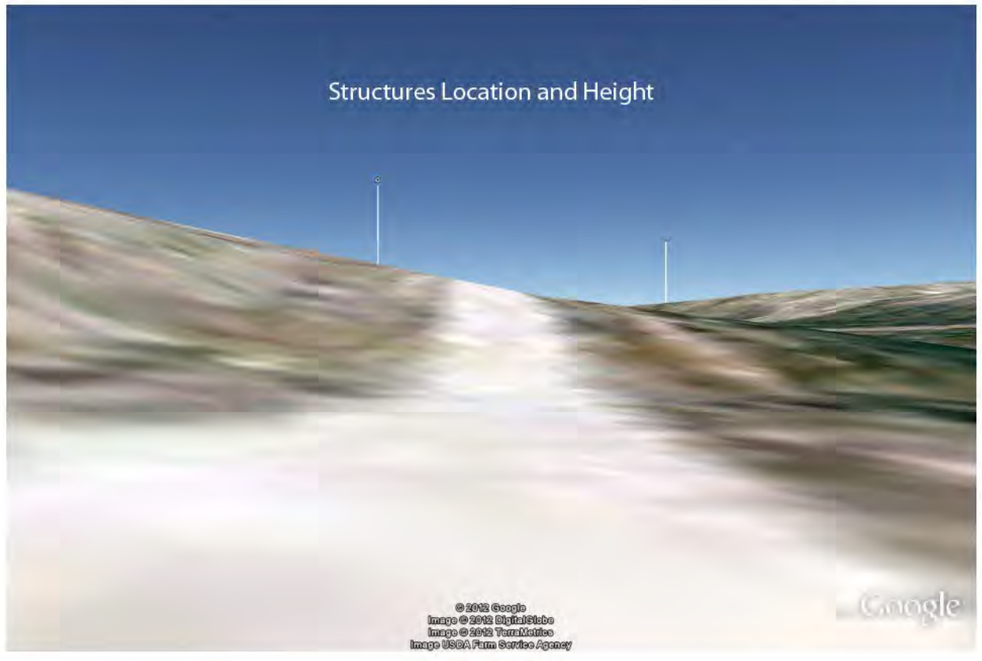
0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-7
(Segment 190)
Simulated Condition

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011
District Little Snake
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LS-8

3. VRM Class
Private

4. Location Moffat Rd. 11 Northbound
Township 006N
Range 092W
Section 013

5. Location Sketch
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and organic clumps of sagebrush.	Planar foreground roadway. Cuboid residential structures. Columnar irregular fence posts.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal foreground roadway, horizontal and vertical structures, and irregular vertical fence posts..
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green sagebrush.	Light to medium brown roadway, white and dark grey structures, and dark brown fence posts.
TEX-TURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth to medium gravel roadway. Smooth structures, utility poles, and fence posts..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form									x			
	Line									x			
	Color										x		
	Texture											x	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No **(Explain on reverse side)**

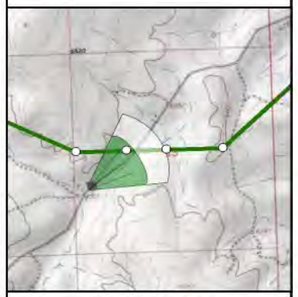
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



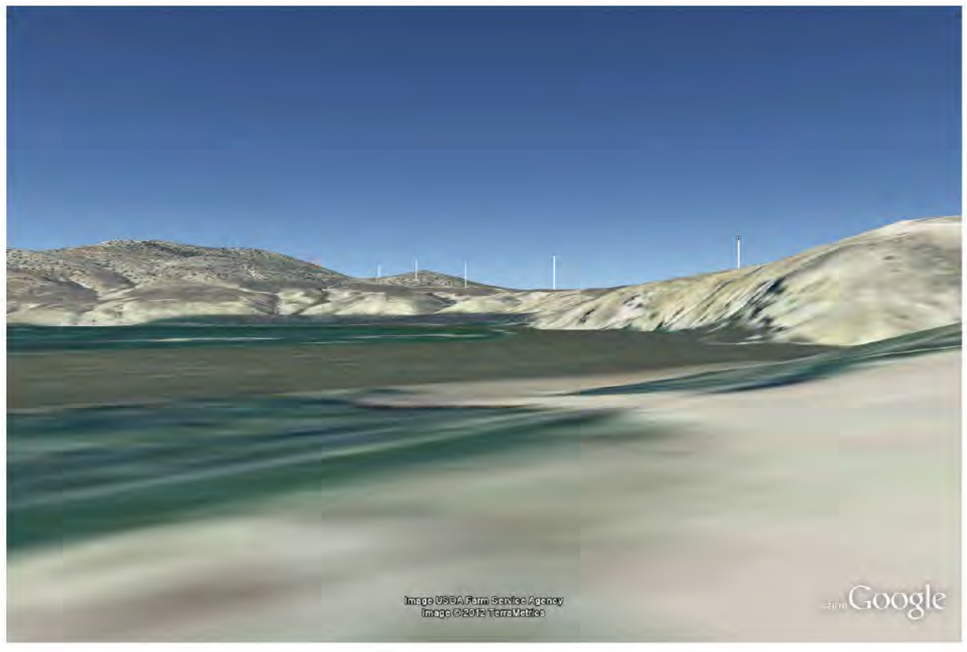
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-8
Moffat Road 11
(northbound)
(Segment 190)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LS-10

3. VRM Class
III (VRI-III)

4. Location Yampa River Boat Launch
Township 006N
Range 094W
Section 017

5. Location Sketch
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar Yampa River. Planar angular and horizontal ridges. Angular and vertical side slopes and erosion cuts.	Organic shapes of riparian tree, shrubs, and sagebrush and grasses.	Pyramidal 345-kV Transmission Line
LINE	Strong foreground horizontal and curving river. Angular and vertical side slopes.	Indistinct riparian tree, shrubs, and pinon-juniper, sagebrush and grasses.	Vertical 345-kV Transmission Line
COLOR	White to blue river. Light to medium tan to brown landform.	Silvery tan and browns riparian tree, shrubs. Medium grey-green sagebrush, medium tan to brown grasses.	Medium grey 345-kV Transmission Line
TEX-TURE	Coarse water and cliffs. Smooth landform..	Smooth to coarse riparian tree, shrubs, pinon-juniper, sagebrush and grasses.	Smooth Pyramidal 345-kV Transmission Line

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form										x		
	Line										x		
	Color										x		
	Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

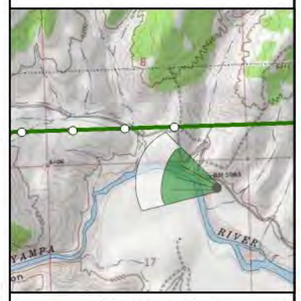
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson **Date** 10/24/10

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



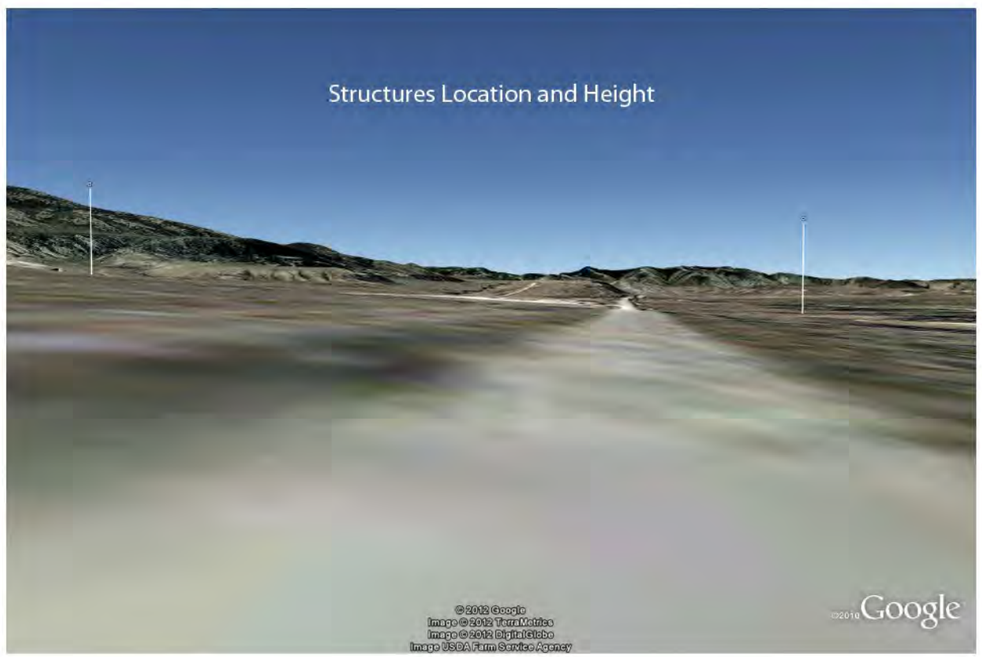
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-10
Yampa River Boat Launch
(Segment 190)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2010
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** LS-11
3. **VRM Class** IV
4. **Location** Deception Cr. Road (southbound)
   Township 006N
   Range 95E
   Section 009
5. **Location Sketch** Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway, pyramidal 345-kV transmission line structure and columnar H-frame poles.
LINE	Strong angular ridges and skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical transmission line, H-frame and markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and transmission line. Light tan to brown H-frame and dark green markers.
TEXTURE	Smooth to moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, transmission line, H-frame and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form									X			
	Line										X		
	Color										X		
	Texture											X	

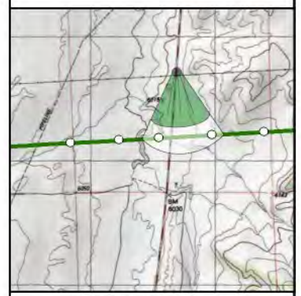
2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No (Explain on reverse side)
3. **Additional mitigating measures recommended** ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 10/22/2010

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



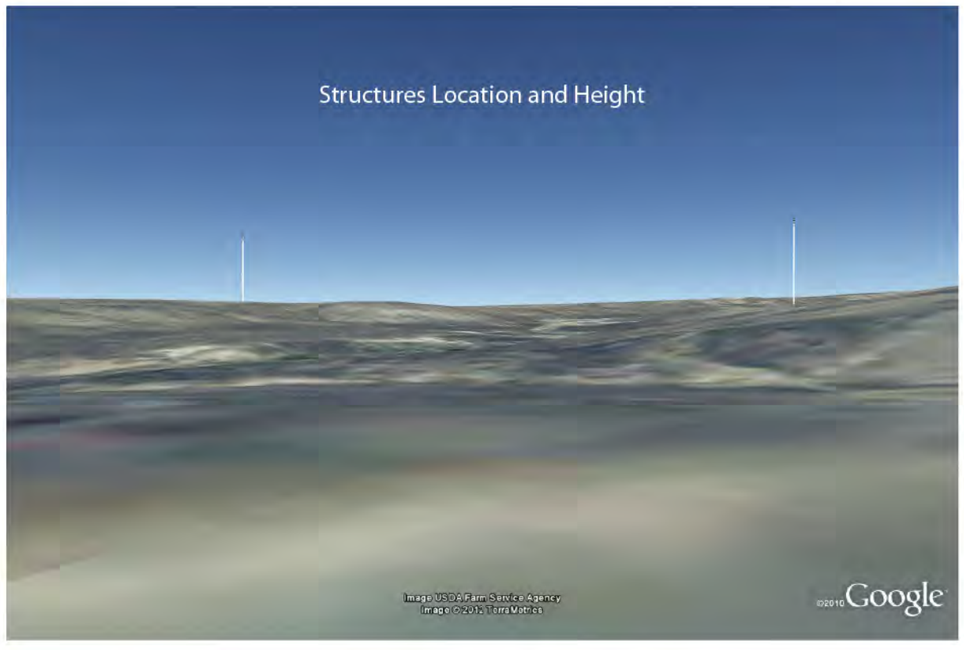
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-11
Deception Creek Road
(southbound)
(Segment 190)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LS-14
3. VRM Class: III (VRI Class III)
4. Location: Cross Mt.-Yampa River Landing; Township 006N; Range 097W; Section 008
5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges. Angular side slopes and erosion cuts.	Organic clumps of sagebrush, greasewood, and grasses.	Narrow cylindrical poles.
LINE	Strong horizontal skyline. Angular side slopes. Horizontal valley floor.	Indistinct sagebrush and grasses. Meandering greasewood.	Thin vertical poles.
COLOR	Very light, medium, and dark brown exposed eroded slopes.	Bluish silver green sagebrush. Yellowish olive green greasewood. Golden tan to brown grasses.	Dark brown wooden poles.
TEX-TURE	Smooth exposed soils.	Coarse sagebrush. Medium greasewood. Smooth grasses.	Smooth poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 07/22/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

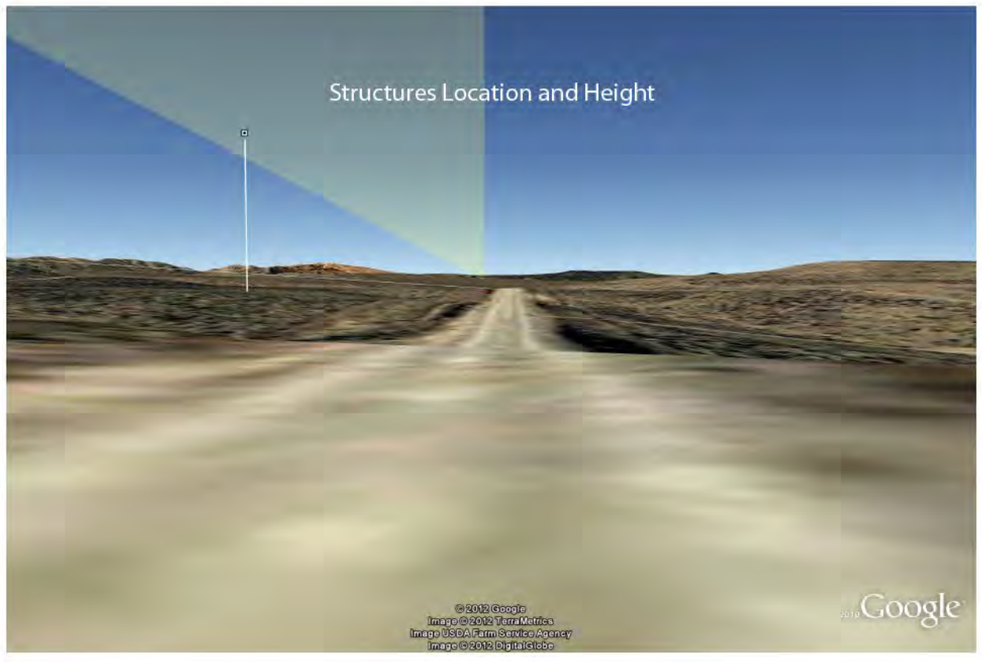
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-14
Cross Mountain
Yampa River Landing
(Segment 180.2)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** U.S. 40 (westbound)	**5. Location Sketch**
2. Key Observation Point LS-15	**Township** 006N	Please see Figure 3.12-1
3. VRM Class IV (VRI-III)	**Range** 97W	
	Section 033	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling, horizontal and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway and distant transmission line.
LINE	Strong angular skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical markers and distant transmission line.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey roadway and transmission line and dark green markers.
TEX-TURE	Smooth to moderate landforms.	Coarse sagebrush. Smooth to coarse grasses.	Smooth to medium roadway and transmission line and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color										X		
	Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

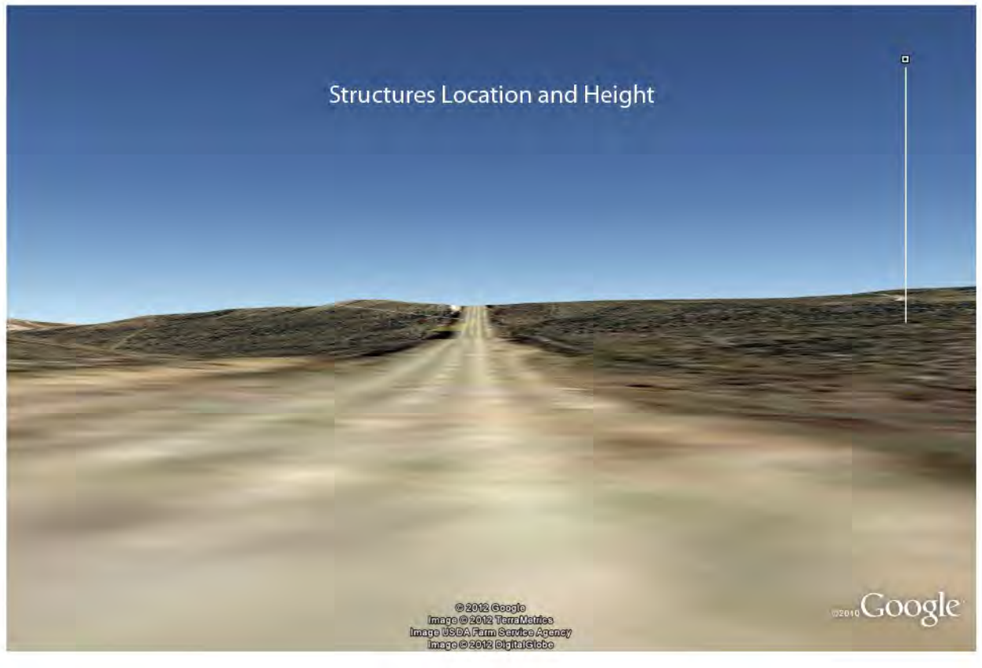
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-15
U.S. 40
(westbound)
(Segment 180.2)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LS-16

3. VRM Class
IV (VRI-III)

4. Location U.S. 40 (eastbound)
Township 006N
Range 97W
Section 033

5. Location Sketch
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and horizontal ridges and angular road cut. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway.
LINE	Strong angular, nearly horizontal, skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and dark green markers.
TEX-TURE	Smooth to moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-16
U.S. 40
(eastbound)
(Segment 180.2)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** U.S. 40 and Dinosaur NM Rd.	**5. Location Sketch**
2. Key Observation Point LS-19	**Township** 005N	Please see Figure 3.12-1
3. VRM Class IV	**Range** 098W	
	Section 012	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway, pyramidal 345-kV transmission line and octagonal stop sign..
LINE	Strong angular and skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical transmission line, stop sign and marker.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and transmission line, red and yellow stop sign and dark green marker.
TEXTURE	Smooth to moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, transmission line and marker.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color										X		
	Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names	Date
M. Paulson	07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

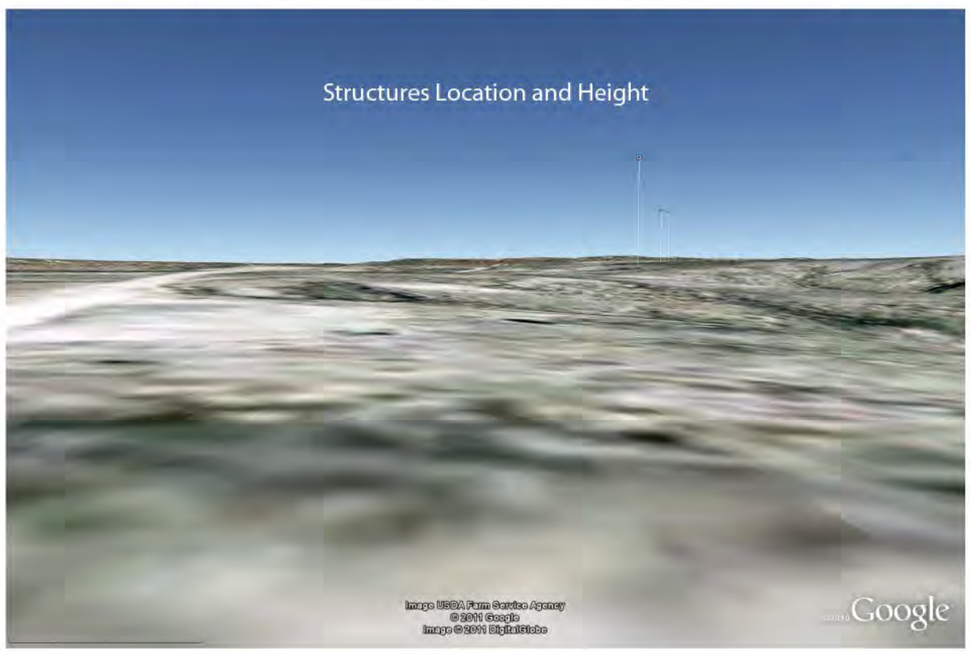
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-19
U.S. 40 and
Dinosaur NM Road
(Segment 100)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/23/2011
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LS-20

3. VRM Class
III (VRI Class III)

4. Location Sand Wash Basin Rd. 75 Northbound
Township 009N
Range 097W
Section 29

5. Location Sketch
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and organic clumps of pinyon-juniper and sagebrush.	Planar roadway.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal roadway.
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green pinyon-juniper and sagebrush.	Light to medium tan roadway.
TEX-TURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth gravel roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		ROW clearing of pinyon-juniper planar forms.	Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE		ROW clearing of pinon-juniper	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form							X		X			
	Line							X		X			
	Color							X			X		
	Texture							x				x	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No **(Explain on reverse side)**

3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 10/23/11

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

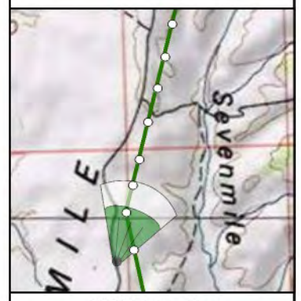
0 1,800 3,600 7,200 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-20
Sand Wash Basin Rd. 75
(northbound)
(Segment 180.2)

Project Location



KOP Location

0 1,800 3,600 7,200 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-20
Mitigated Condition
(Segment 180.2)

Project Location

KOP Location

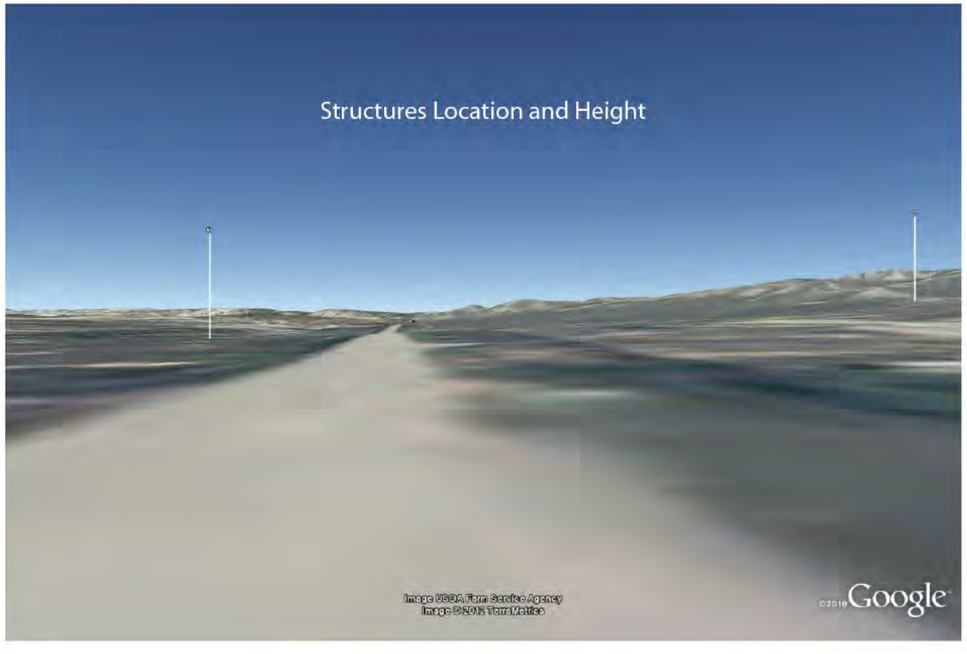
0 1,800 3,600 7,200 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-20
Simulated Condition
(Segment 180.2)

Western AREA POWER ADMINISTRATION



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2010
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Deception Cr. Road (northbound)	**5. Location Sketch**
2. Key Observation Point LS-21	**Township** 006N	Please see Figure 3.12-1
3. VRM Class Private	**Range** 095W	
	Section 016	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway, pyramidal 345-kV transmission line structure and columnar H-frame poles.
LINE	Strong angular ridges and skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical transmission line, H-frame and markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and transmission line. Light tan to brown H-frame and dark green markers.
TEX-TURE	Smooth to moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, transmission line, H-frame and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ **SHORT TERM** **LONG TERM**

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color											X	
	Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson **Date** 10/22/2010

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

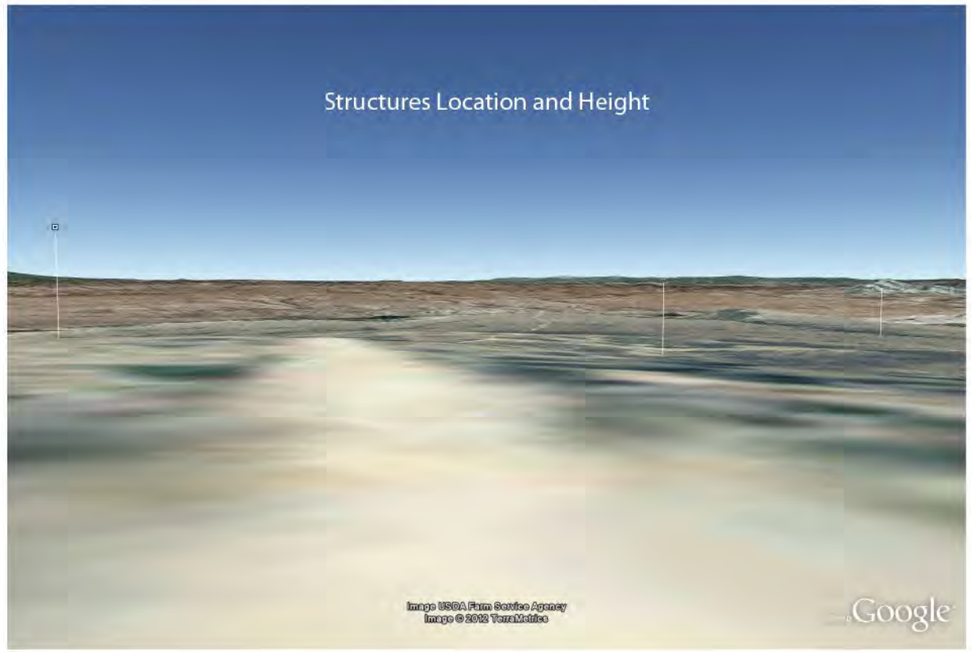
KOP Location

Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-21
Deception Creek Road
(northbound)
(Segment 190)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LS-27

3. VRM Class
Private

4. Location Sand Wash Basin Rd. 66 Eastbound
Township 10N
Range 097W
Section 3

5. Location Sketch
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and organic clumps of pinyon-juniper and sagebrush.	Planar gravel roadway.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal roadway.
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green pinyon-juniper and sagebrush.	Light to medium tan roadway.
TEX-TURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth gravel roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		ROW clearing of pinyon-juniper planar forms.	Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE		ROW clearing of pinon-juniper	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tan grasses in ROW clearing	Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE		Smooth texture in ROW clearing	Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form						X			X			
	Line							X		X			
	Color							X			X		
	Texture							X				X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

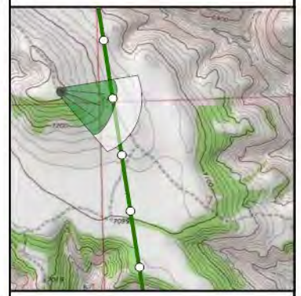
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 08/04/12

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



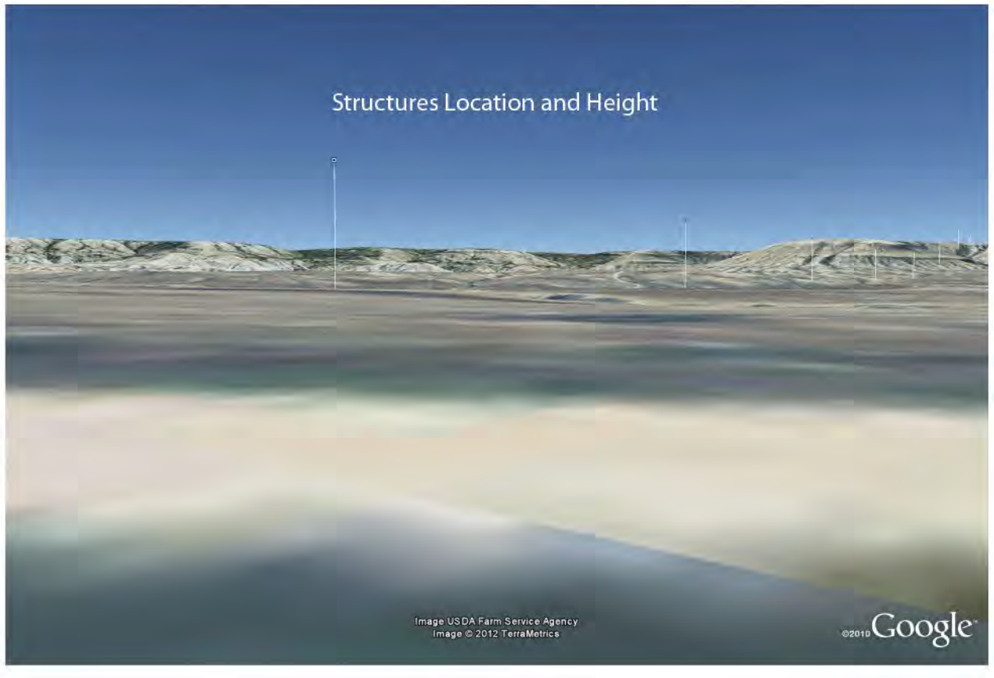
KOP Location

0 1,375 2,750 5,500 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-27
Sandwash Basin Rd 66
(eastbound)
(Segment 186)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LS-28

3. VRM Class
(Class III)

4. Location BLM Rd. 21 (NB) and Residential
Township 8N
Range 97W
Section 1

5. Location Sketch
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and organic clumps of pinyon-juniper and sagebrush.	Planar gravel roadway and cubed structures.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal roadway and vertical and horizontal residential structures.
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green pinyon-juniper and sagebrush.	Light to medium tan roadway and light tan, dark brown and dark green residential structures.
TEX-TURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth gravel roadway and residential structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING — SHORT TERM — LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form									x			
Line									x			
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No **(Explain on reverse side)**

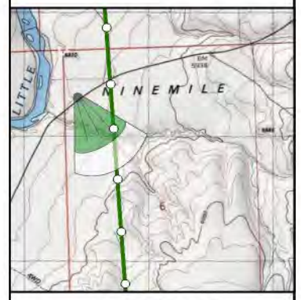
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 08/04/12

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

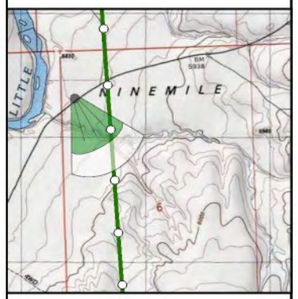
0 1,500 3,000 6,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-28
BLM Road 21 (northbound)
Residential
(Segment 186)

Project Location



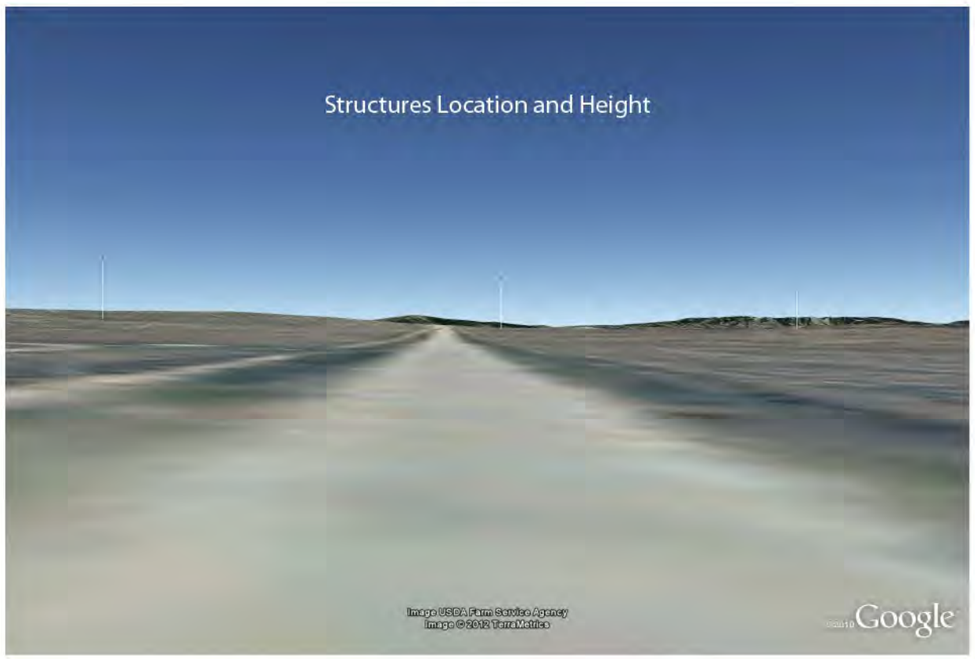
KOP Location

0 1,500 3,000 6,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-28
Simulated Condition
(Segment 186)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LS-29

3. VRM Class
III (VRI-III)

4. Location Colorado SH 318 (eastbound)
Township 7N
Range 97W
Section 12

5. Location Sketch
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling, horizontal and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway and small distribution line.
LINE	Strong angular skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical distribution line.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey roadway and dark brown poles.
TEX-TURE	Smooth to moderate landforms.	Coarse sagebrush. Smooth to coarse grasses.	Smooth roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									x			
Line									x			
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)

3. Additional mitigating measures recommended ☑ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

Feet
0 1,650 3,300 6,600

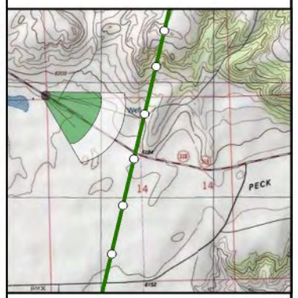
N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-29
Colorado State Hwy 318
(eastbound)
(Segment 186)

Western Area Power Administration

Project Location



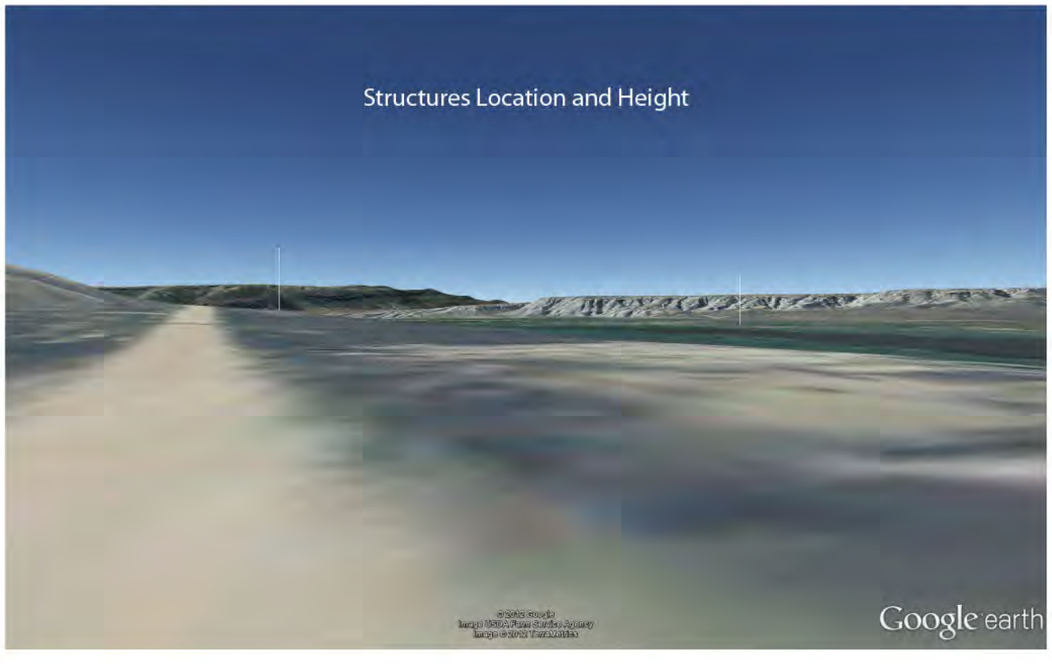
KOP Location

0 1,650 3,300 6,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-29
Simulated Condition
(Segment 186)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012
District Rawlins FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** LS-30
3. **VRM Class** III
4. **Location** BLM Rd. 23 / Yampa River
   Township 7N
   Range 97W
   Section 28
5. **Location Sketch** Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar Yampa River. Planar angular and horizontal ridges. Angular side slopes and erosion cuts.	Organic shapes of riverside shrubs, sagebrush and grasses and blanket of PJ on the side slopes.	NA
LINE	Strong foreground horizontal and curving river. Angular side slopes.	Curvilinear cottonwoods, olives, pinon-juniper, sagebrush and grasses.	NA
COLOR	White to blue river. Medium tan to brown landform.	Green cottonwoods, silvery grey green, bright green riverside shrubs. Medium grey-green sagebrush, medium green, tan to brown grasses.	NA
TEX-TURE	Coarse water. Smooth landform..	Smooth to coarse pinon-juniper, sagebrush and grasses.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. **Does project design meet visual resource management objectives?** ☐ Yes ☑ No **(Explain on reverse side)**

3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 08/04/2012

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

Feet
0 1,500 3,000 6,000

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-30
BLM Road 23
Yampa River
(Segment 186)

Project Location

KOP Location

Feet
0 1,500 3,000 6,000

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-30
Simulated Condition
(Segment 186)

Project Location

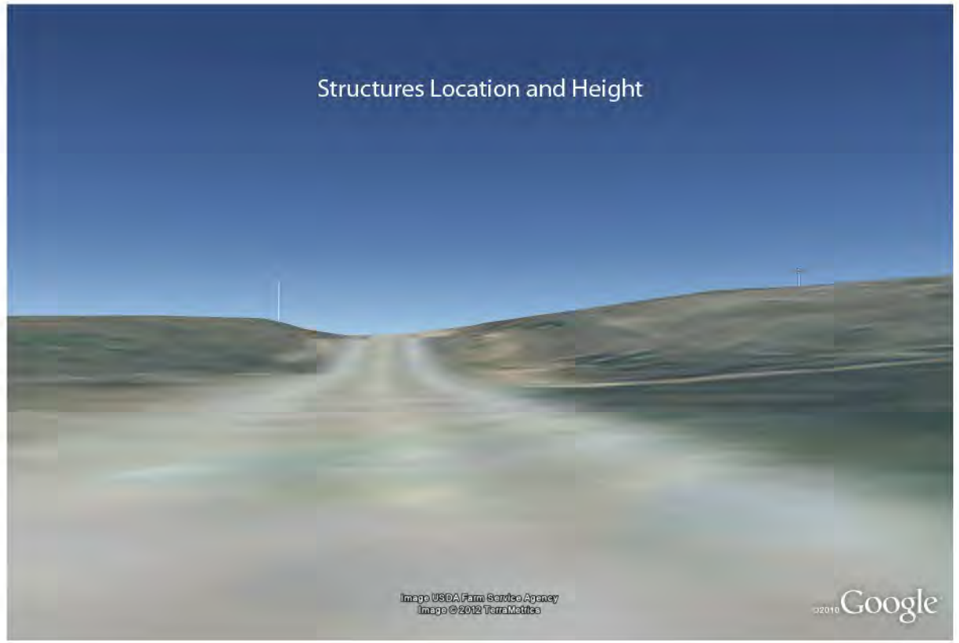
KOP Location

0 1,500 3,000 6,000 Feet

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-30
Cumulative Condition
(Segment 186)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name**
TransWest Express

2. **Key Observation Point**
LS-31

3. **VRM Class**
IV (VRI-III)

4. **Location** U.S. 40 (westbound)
Township 6N
Range 97W
Section 33

5. **Location Sketch**
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling, horizontal and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway and distant transmission line.
LINE	Strong angular skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical markers and distant transmission line.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey roadway and transmission line and dark green markers.
TEX-TURE	Smooth to moderate landforms.	Coarse sagebrush. Smooth to coarse grasses.	Smooth to medium roadway and transmission line and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line									X			
Color										X		
Texture											X	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No (Explain on reverse side)

3. **Additional mitigating measures recommended** ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

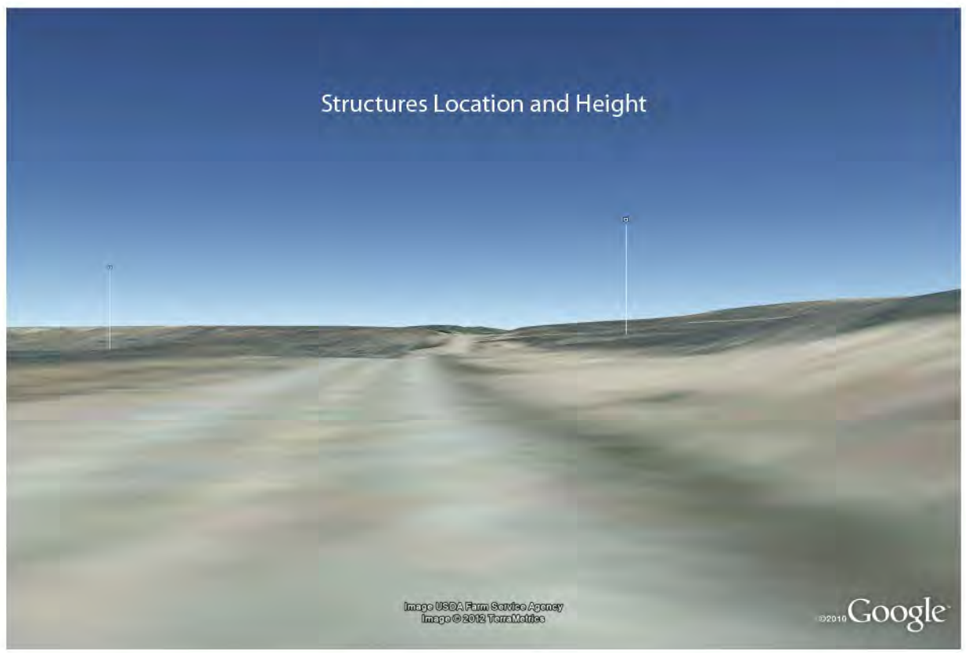
KOP Location

0 1,500 3,000 6,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-31
U.S. 40 (westbound)
(Segment 186)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** U.S. 40 (eastbound)	**5. Location Sketch**
2. Key Observation Point LS-32	**Township** 006N	Please see Figure 3.12-1
3. VRM Class IV (VRI-III)	**Range** 97W	
	Section 033	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and horizontal ridges and angular road cut. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planarroadway.
LINE	Strong angular, nearly horizontal, skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Mediumolive green sagebrush.Goldentan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and dark green markers.
TEX-TURE	Smoothto moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coursesteel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATIN(HORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form									X			
Line									X			
Color										X		
Texture											X	

2. **Does project design meet visual resource management objectives?** Yes ☑ No ☐ **(Explain on reverse side)**

3. **Additional mitigating measures recommended** ☐ ; ☐ **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

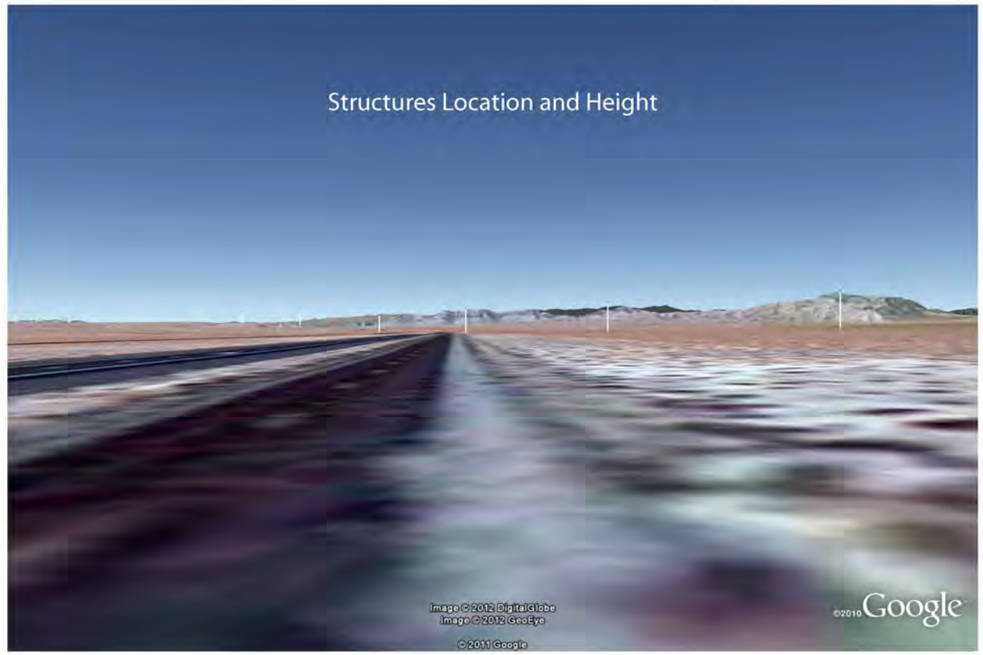
KOP Location

0 1,500 3,000 6,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-32
U.S. 40 (eastbound)
(Segment 186)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LV-1

3. VRM Class
III (VRI Class III)

4. Location I-15 (southbound)
Township 13S
Range 68E
Section 034

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor. Angular background mountains and rock formations.	Blanket and clumps of shrubs and grasses. Sparse Joshua trees.	Planar roadway and multiple steel lattice and h-frame t-lines and utility poles.
LINE	Horizontal and angular ridgelines and rock formations. Horizontal valley floor.	Irregular Joshua trees, shrubs and grass patterns.	Horizontal roadway and vertical steel lattice t-lines. Vertical and horizontal h-frame poles. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Silver green and tan shrubs and tan grasses. Medium olive green Joshua trees.	Light, medium to dark grey roadway and t-lines. Medium to dark brown utility poles and fenceposts.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Medium to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										x		
Line										x		
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

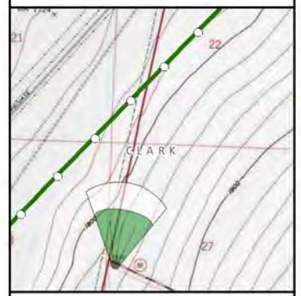
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 09/09/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP

Project Location



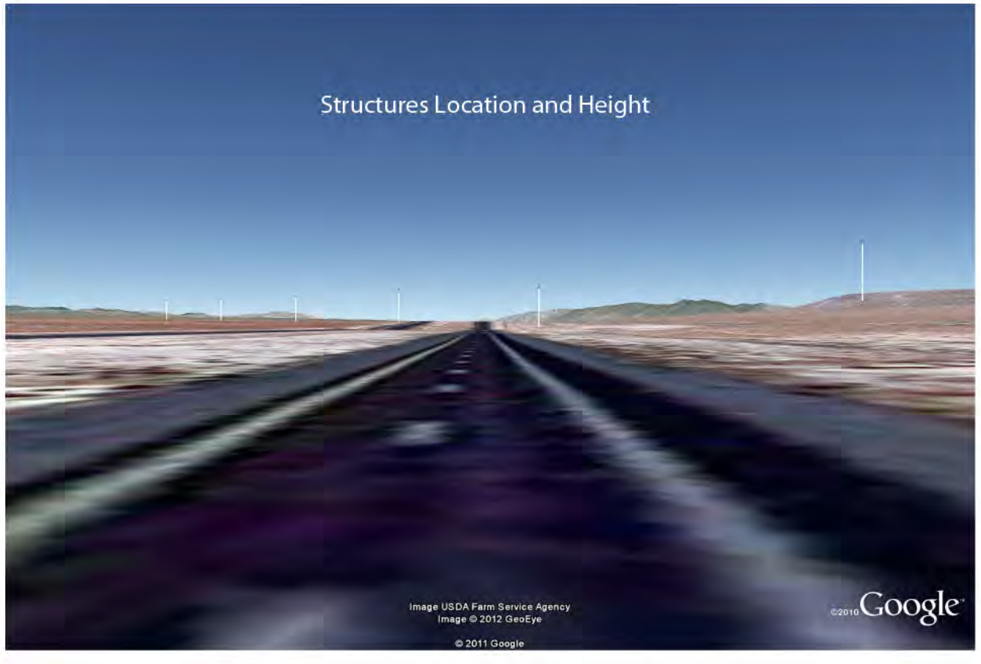
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-1
Interstate 15
(southbound)
(Segment 550)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LV-2

3. VRM Class
III (VRI Class III)

4. Location I-15 (southbound)
Township 14S
Range 68E
Section 005

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor. Angular background mountains.	Blanket and clumps of shrubs and grasses. Sparse Joshua trees.	Planar roadway and row of utility poles.
LINE	Horizontal and angular ridgelines. Horizontal valley floor.	Irregular Joshua trees, shrubs and grass patterns.	Horizontal roadway and vertical utility poles.
COLOR	Light to medium reddish tan and grey..	Silver green and tan shrubs and tan grasses. Medium olive green Joshua trees.	Light, medium to dark grey roadway. Medium to dark brown utility poles.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

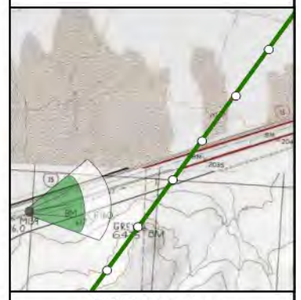
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 09/09/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

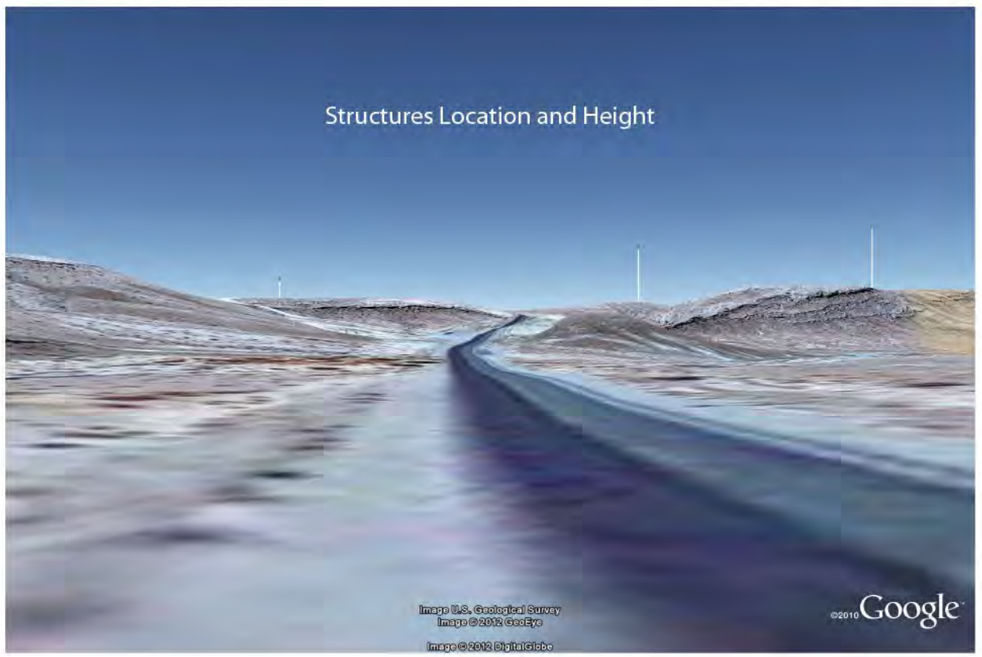
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-2
Interstate 15
(southbound)
(Segment 550)

Western AREA POWER ADMINISTRATION



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Nevada SH 169 (southbound)	**5. Location Sketch**
2. Key Observation Point LV-4	**Township** 15S	Please see Figure 3.12-3
3. VRM Class III (VRI Class III)	**Range** 67E	
	Section 005	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills.	Blanket and clumps of shrubs and grasses.	Undulating planar roadway and twin h-frame t-lines' cylindrical poles.
LINE	Horizontal, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway and vertical and horizontal h-frame poles. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark green and tan shrubs and tan grasses.	Light, medium to dark grey roadway. Medium to dark brown utility poles. Light grey to silver conductors.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Medium to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 09/09/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

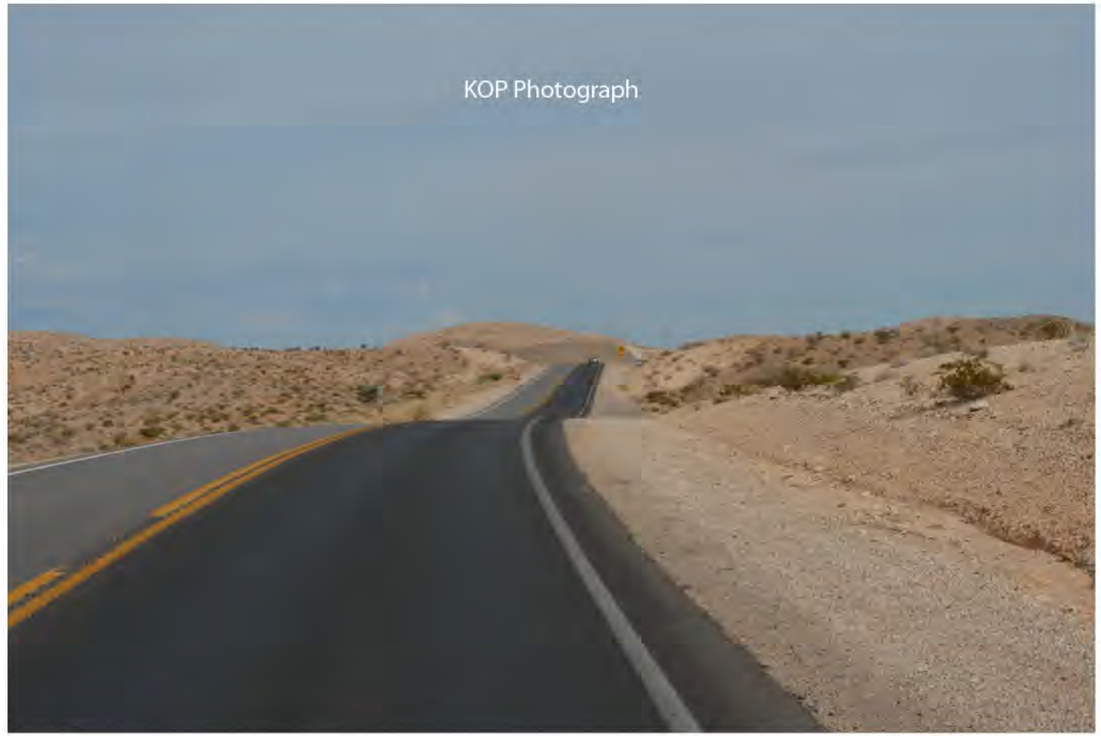
KOP Location

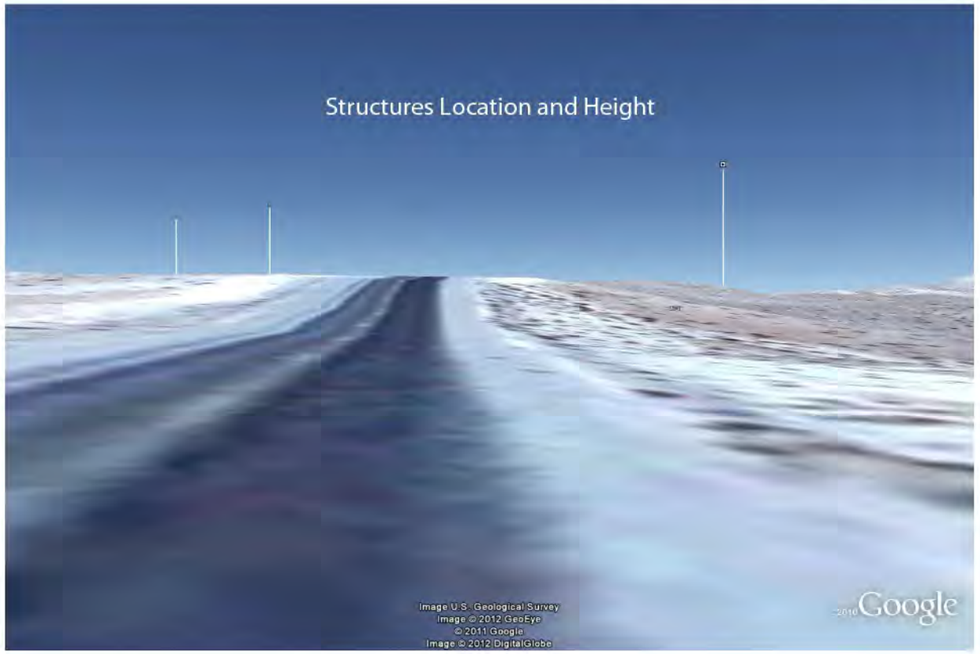
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-4
Nevada State Hwy 169
(southbound)
(Segment 550)





Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Nevada SH 169 (northbound)	**5. Location Sketch**
2. Key Observation Point LV-5	**Township** 15S	Please see Figure 3.12-3
3. VRM Class III (VRI Class III)	**Range** 67E	
	Section 009	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills.	Blanket and clumps of shrubs and grasses.	Undulating planar roadway and twin h-frame t-lines' cylindrical poles.
LINE	Horizontal, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway and vertical and horizontal h-frame poles. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark green and tan shrubs and tan grasses.	Light, medium to dark grey roadway. Medium to dark brown utility poles. Light grey to silver conductors.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 09/09/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-5
Nevada State Hwy 169
(northbound)
(Segment 550)

KOP Photograph

Structures Location and Height

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** LV-6
3. **VRM Class** III (VRI Class III)
4. **Location** I-15/Hidden Valley Interchange
   Township 15S
   Range 66E
   Section 015
5. **Location Sketch** Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling and angular hills.	Blanket and clumps of shrubs and grasses.	Planar roadway and parking area.
LINE	Horizontal, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway and parking area.
COLOR	Light to medium reddish tan and grey..	Dark green and tan shrubs and tan grasses.	Light, medium tan roadway and parking area.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color										X		
	Texture											X	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No **(Explain on reverse side)**
3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 09/09/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-6
Interstate 15
Hidden Valley Interchange
(Segment 550)

Western Area Power Administration

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Nevada SH 169 (southbound)	**5. Location Sketch**
2. Key Observation Point LV-7	**Township** 17S	Please see Figure 3.12-3
3. VRM Class III (VRI Class III)	**Range** 65E	
	Section 008	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Blanket and clumps of shrubs and grasses.	Planar, slightly undulating roadway.
LINE	Horizontal valley floor, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal, slightly curvilinear roadway..
COLOR	Light to medium reddish tan and grey..	Dark tan and light green shrubs and tan grasses.	Light, medium to dark grey roadway.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Medium to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									X			
	Line										X		
	Color										X		
	Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No **(Explain on reverse side)**

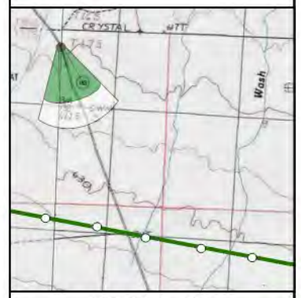
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names	Date
M. Paulson	09/09/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

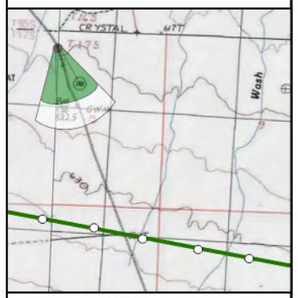
0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-7
Nevada State Hwy 169
(southbound)
(Segment 570)

Project Location



KOP Location

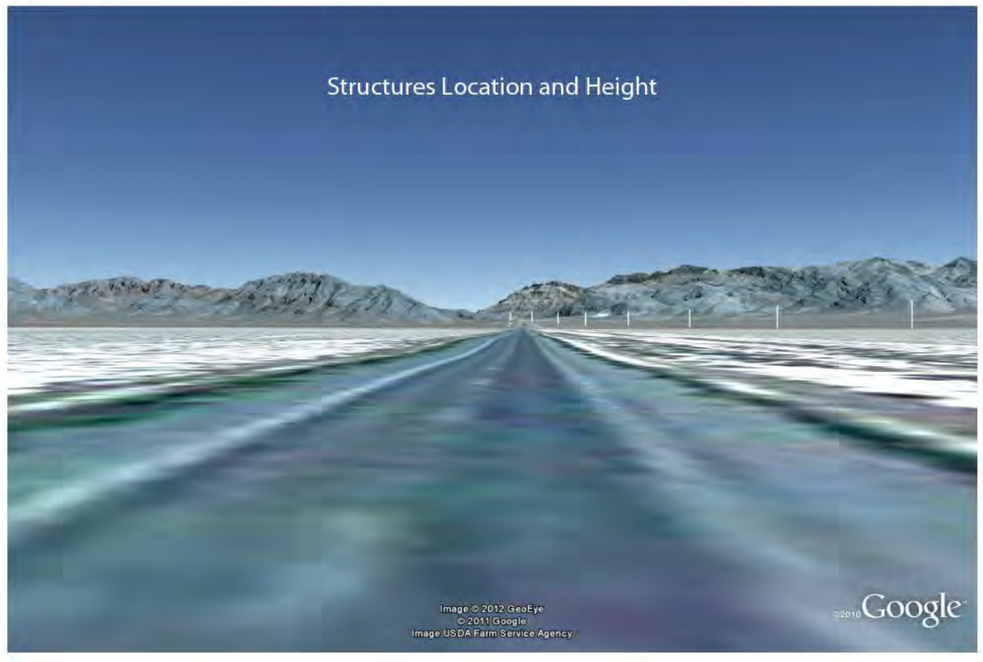
0 1,400 2,800 5,600 Feet

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-7
(Segment 570)
Simulated Condition

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LV-8
3. VRM Class: III (VRI Class III)
4. Location: U.S. 93 (northbound); Township 16S; Range 63E; Section 016
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains and rock formations.	Blanket and clumps of shrubs and grasses.	Planar roadway and cylindrical h-Frame poles. Pyramidal cell tower.
LINE	Horizontal foreground ridgeline and angular ridgelines and rock formations.	Irregular shrubs and grass patterns.	Horizontal roadway and vertical and horizontal h-Frame poles and curvilinear conductors. Vertical cell tower.
COLOR	Light to medium reddish tan and grey..	Silver green shrubs and tan grasses..	Light, medium to dark grey roadway and light grey cell tower. Medium to dark brown utility poles and conductors.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

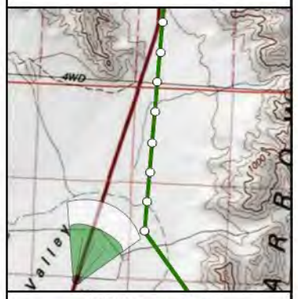
2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 09/08/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 3,000 6,000 12,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-8
U.S. 93 (northbound)
(Segment 520)

KOP Photograph

Structures Location and Height

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** U.S. 93 (eastbound)	**5. Location Sketch**
2. Key Observation Point LV-9	**Township** 17S	Please see Figure 3.12-3
3. VRM Class III (VRI Class III)	**Range** 63E	
	Section 032	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains and rock formations.	Blanket and clumps of shrubs and grasses.	Planar roadway and pyramidal steel lattice towers.
LINE	Horizontal foreground ridgeline and angular ridgelines and rock formations.	Irregular shrubs and grass patterns.	Horizontal roadway, vertical steel lattice structures and horizontal curvilinear conductors. Vertical light poles
COLOR	Light to medium reddish tan and grey..	Silver green shrubs and tan grasses..	Light, medium to dark grey roadway and dark grey towers and poles.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line											X	
Color											X	
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

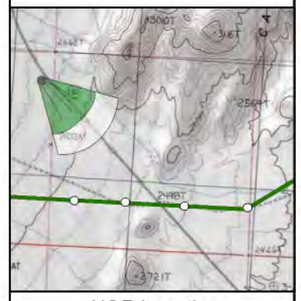
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson **Date** 09/08/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



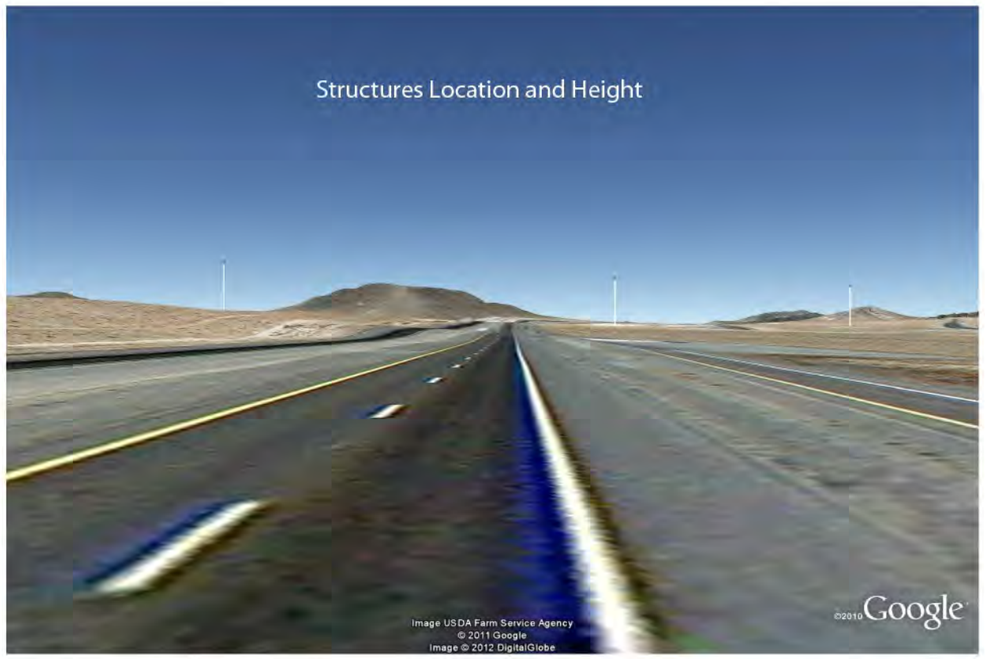
KOP Location

Feet
0 1,450 2,900 5,800

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-9
U.S. 93 (eastbound)
(Segment 610)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LV-10

3. VRM Class
Private

4. Location I-15 (southbound)
Township 18S
Range 63E
Section 035

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Blanket and clumps of shrubs and grasses.	Planar roadways and bridge. Multiple utilities, including t-lines, lights, and cell tower.
LINE	Horizontal valley floor, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadways and bridge. Vertical utilities.
COLOR	Light to medium reddish tan and grey..	Dark tan and light green shrubs and tan grasses.	Light, medium grey roadway and dark grey bridge. Medium to dark grey utilities.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Medium to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color											X	
	Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 09/09/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

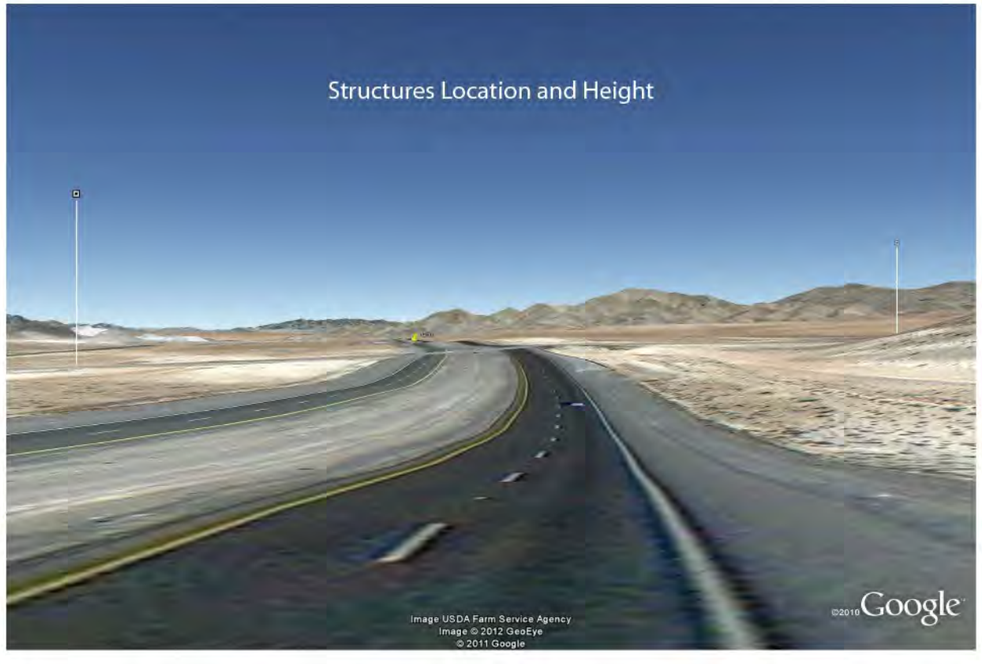
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-10
Interstate-15
(southbound)
(Segment 610)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LV-11
3. VRM Class: Private
4. Location: I-15 (northbound); Township 19S; Range 63E; Section 003
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Blanket and clumps of shrubs and grasses.	Planar roadways and bridge. Multiple utilities, including t-lines.
LINE	Horizontal valley floor, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadways and bridge. Vertical utilities.
COLOR	Light to medium reddish tan and grey..	Dark tan and light green shrubs and tan grasses.	Light, medium grey roadway and dark grey bridge. Medium to dark grey utilities.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										X		
	Line											X	
	Color											X	
	Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

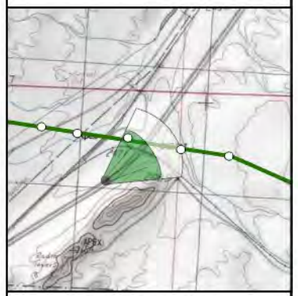
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 09/09/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-11
Interstate 15
(northbound)
(Segment 610)

Western Area Power Administration

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LV-19
3. VRM Class: Private
4. Location: U.S. 93 (westbound). Township 23S Range 64E Section 007
5. Location Sketch: Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures. Cubed signage and structure and cylindrical highway sign pole.
LINE	Angular rock formations and ridgeline.	Irregular shrubs and grass patterns.	Horizontal roadway. Horizontal and vertical building and signage. Vertical utilities.
COLOR	Light to medium reddish tan and grey..	Dark green and tan desert shrubs and grasses.	Light, medium grey roadway. White structure and black to green signage. Medium to dark grey and brown utilities.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color											X	
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 09/09/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

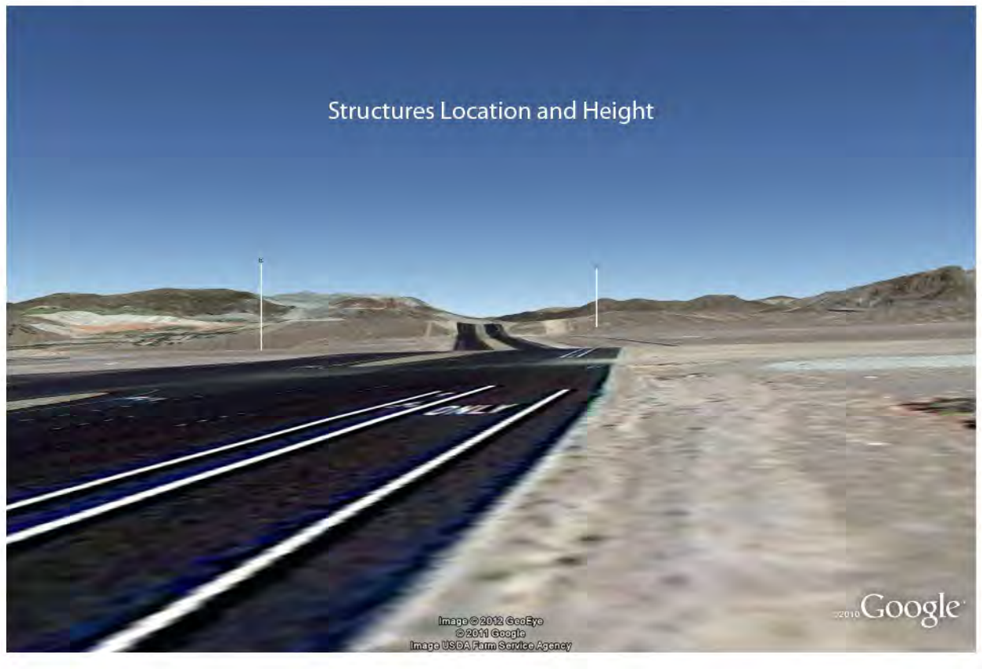
KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-19
U.S. 93 (westbound)
(Segment 760)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LV-20
3. VRM Class: Private
4. Location: U.S. 93 (westbound). Township 21S Range 63E Section 033
5. Location Sketch: Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, disturbed planar mining, and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors.
LINE	Horizontal mining, angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form											X	
Line											X	
Color											X	
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

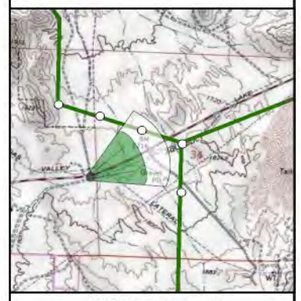
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson **Date** 09/09/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



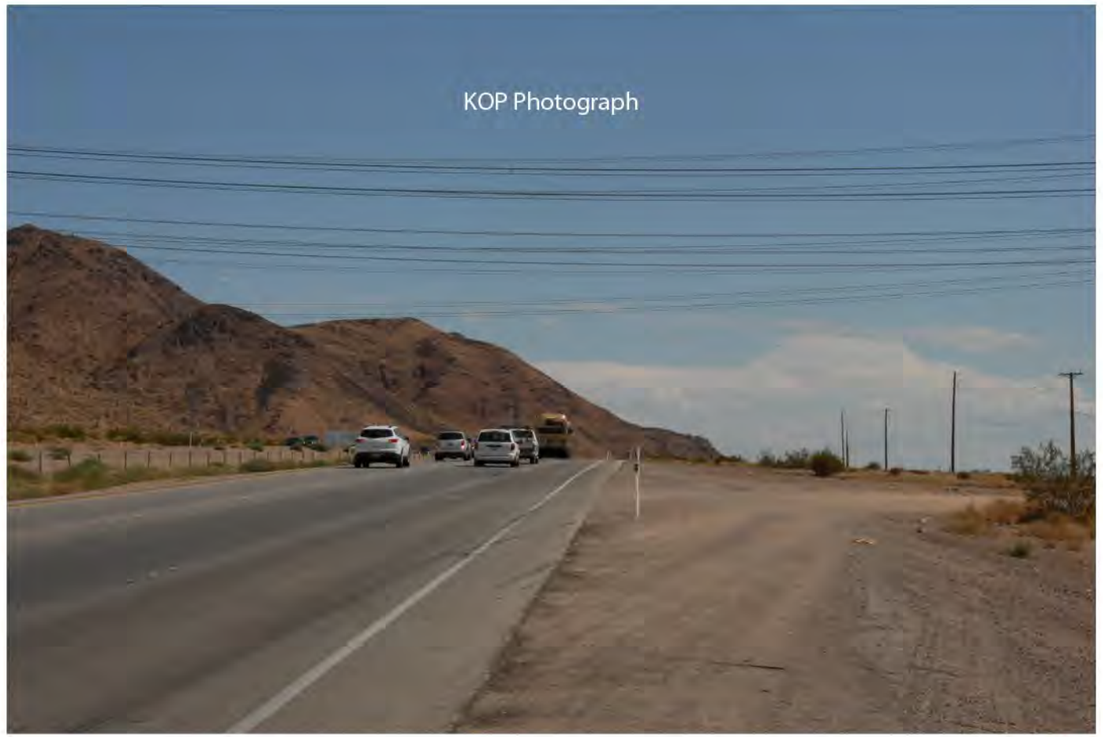
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-20
U.S. 93 (westbound)
(Segment 700)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LV-21
3. VRM Class: Private
4. Location: U.S. 93-95 (southbound).
   Township 22S
   Range 63E
   Section 035
5. Location Sketch: Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Medium silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line											X	
Color											X	
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 09/09/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-21
U.S. 93-95 (southbound)
(Segment 790)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name**
TransWest Express

2. **Key Observation Point**
LV-22

3. **VRM Class**
IV (VRI Class III)

4. **Location** U.S. 95 (northbound).
Township 23S
Range 63E
Section 014

5. **Location Sketch**
Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, disturbed planar mining, and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors. Multiple buildings and signs.
LINE	Horizontal mining, angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors. Horizontal and vertical blds and signs.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form											X	
Line											X	
Color											X	
Texture											X	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No (Explain on reverse side)

3. **Additional mitigating measures recommended** ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 09/09/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

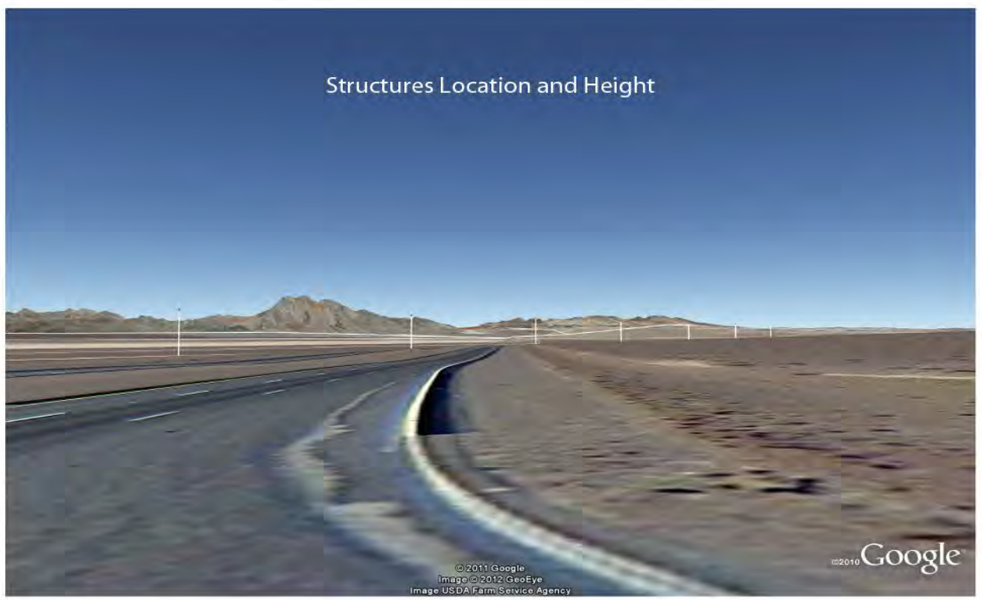
KOP Location

Feet
0 1,800 3,600 7,200

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-22
U.S. 95 (northbound)
(Segment 820)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LV-23

3. VRM Class
Private

4. Location U.S. 95 (northbound).
Township 23S
Range 63E
Section 027

5. Location Sketch
Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, planar mining disturbance and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Angular ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										x		
	Line											x	
	Color											x	
	Texture											x	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No **(Explain on reverse side)**

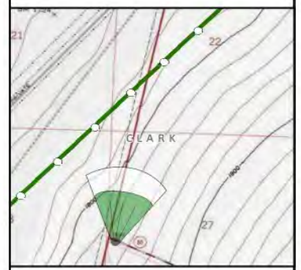
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 09/09/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-23
U.S. 95 (northbound)
(Segment 770)

Western AREA POWER ADMINISTRATION

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** U.S. 95 (southbound).	**5. Location Sketch**
2. Key Observation Point LV-24	**Township** 24S	Please see Figure 3.12-4
3. VRM Class Private (Private)	**Range** 63E	
	Section 015	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Angular ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Medium to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form											X	
Line											X	
Color											X	
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

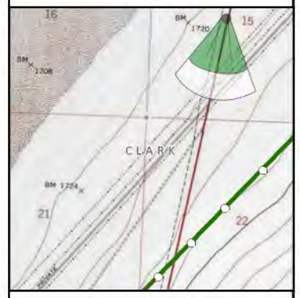
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 09/09/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

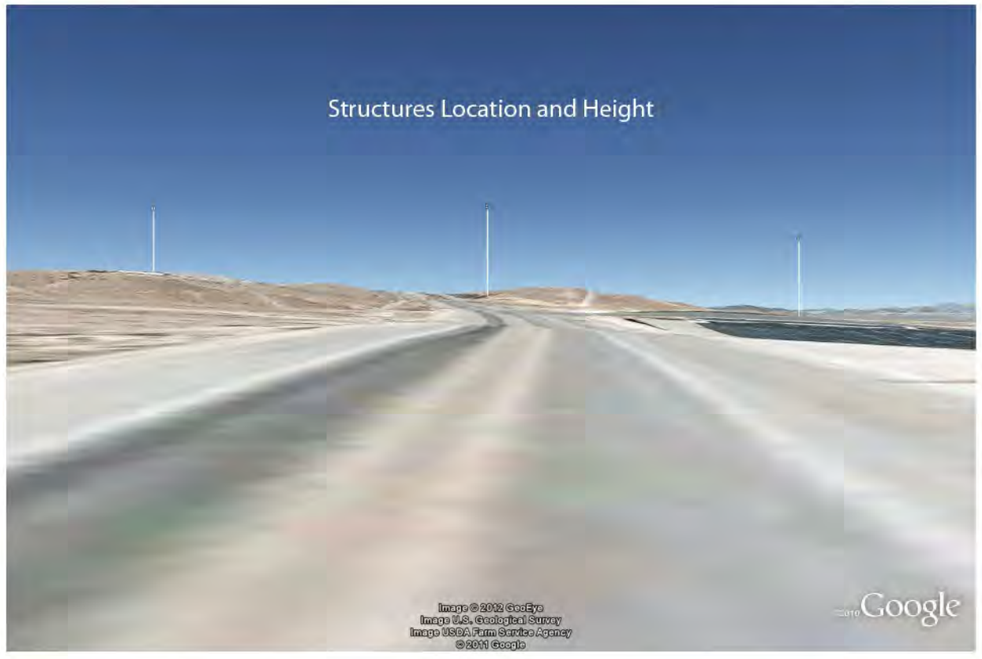
0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-24
U.S. 95 (southbound)
(Segment 770)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Nevada SH 168 (westbound).	**5. Location Sketch**
2. Key Observation Point LV-34	**Township**	Please see Figure 3.12-3
3. VRM Class III	**Range**	
	Section	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and rolling hills.	Clumps of desert shrubs and grasses.	Planar roadway. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form												
	Line												
	Color												
	Texture												

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 09/09/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

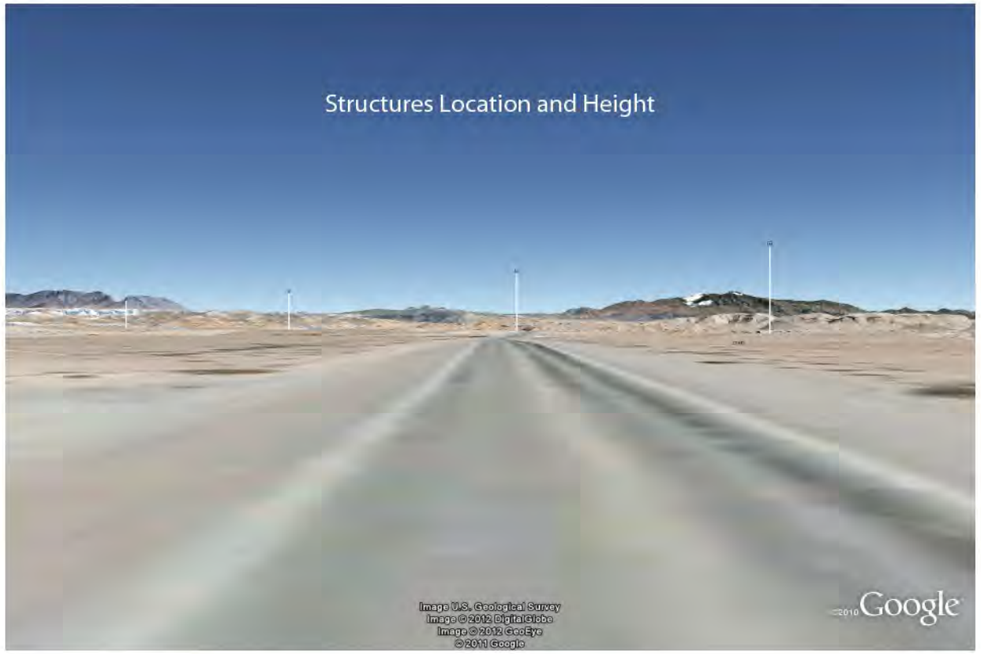
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-34
Nevada State Hwy 168
(westbound)
(Segment 540)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LV-35
3. VRM Class: III (VRI Class III)
4. Location: Nevada SH 168 (eastbound). Township 14S Range 66E Section 033
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color											X	
	Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names	Date
M. Paulson	09/09/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

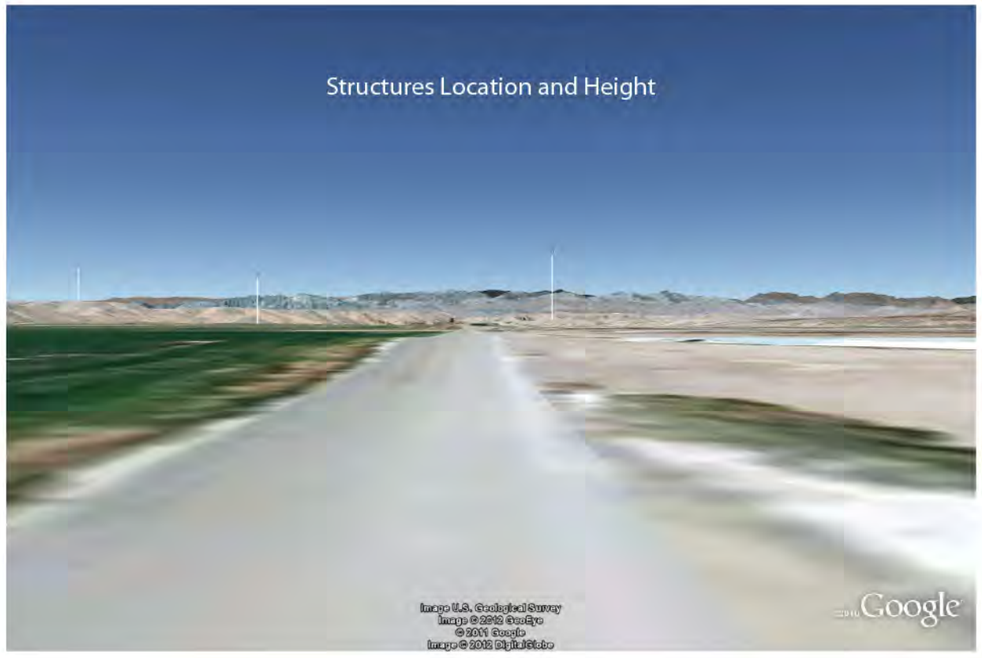
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-35
Nevada State Hwy 168
(eastbound)
(Segment 540)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LV-36

3. VRM Class
III

4. Location Nevada SH 168 (eastbound).
Township 15S
Range 66E
Section 4

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color											X	
	Texture												X

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 09/09/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

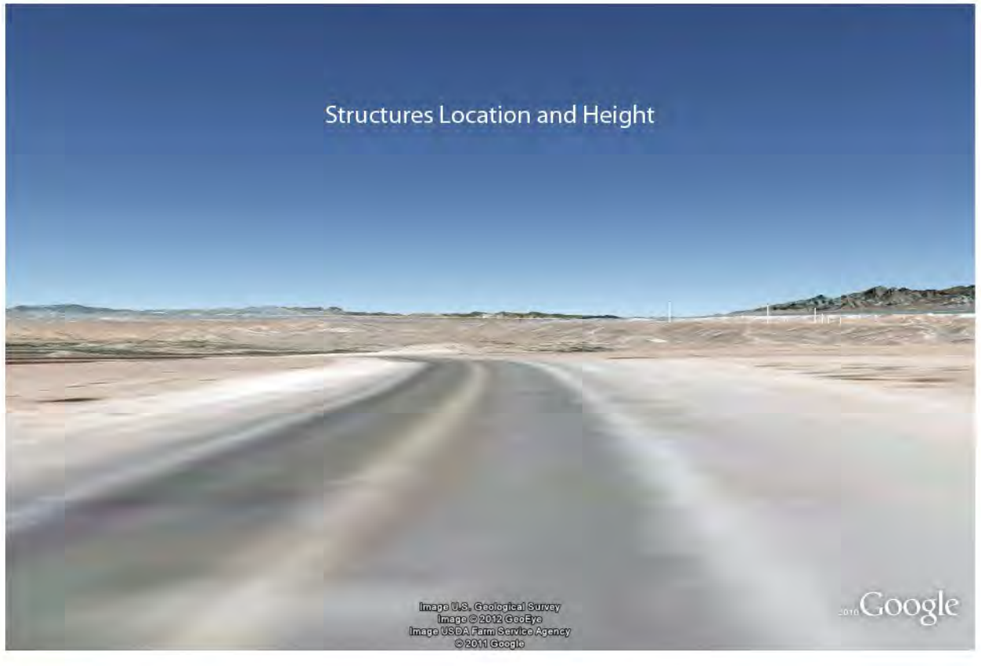
KOP Location

Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-36
Nevada State Hwy 168
(westbound)
(Segment 540)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LV-37

3. VRM Class
III

4. Location Nevada SH 78 (westbound).
Township 15S
Range 660E
Section 10

5. Location Sketch
Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and rolling hills.	Clumps of desert shrubs and grasses.	Planar roadway. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form												
	Line												
	Color												
	Texture												

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 09/09/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

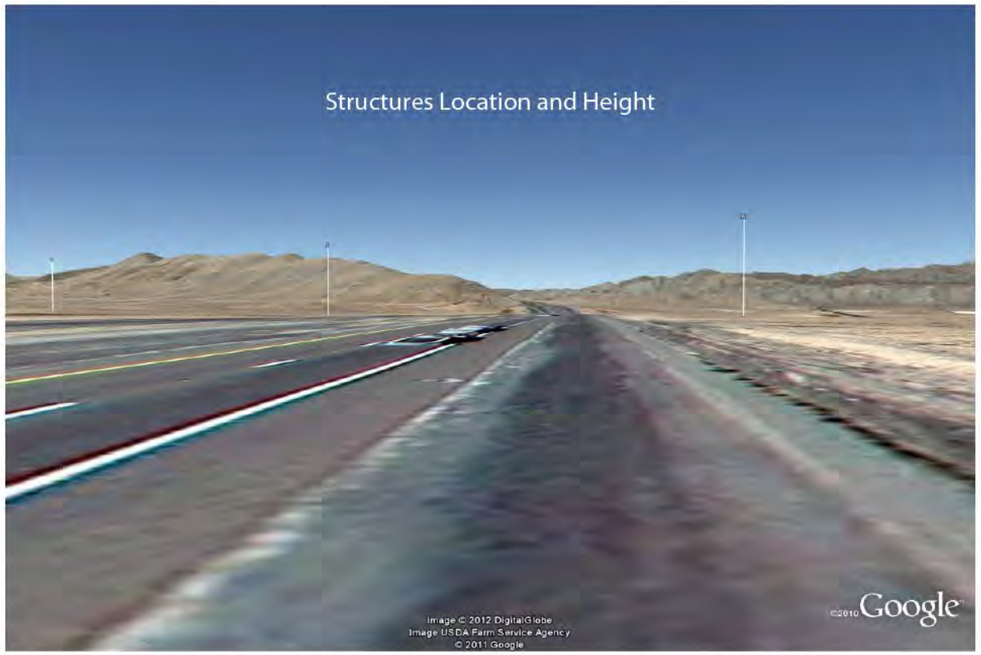
KOP Location

Feet
0 2,700 5,400 10,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-37
Nevada State Hwy 78
(westbound)
(Segment 540)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LV-38
3. VRM Class: IV (VRI Class III)
4. Location: I-15 (southbound). Township 17S Range 64E Section 015
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures and multiple conductors.
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line											X	
Color											X	
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

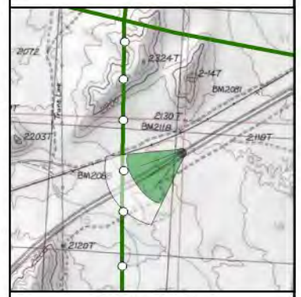
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 09/10/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



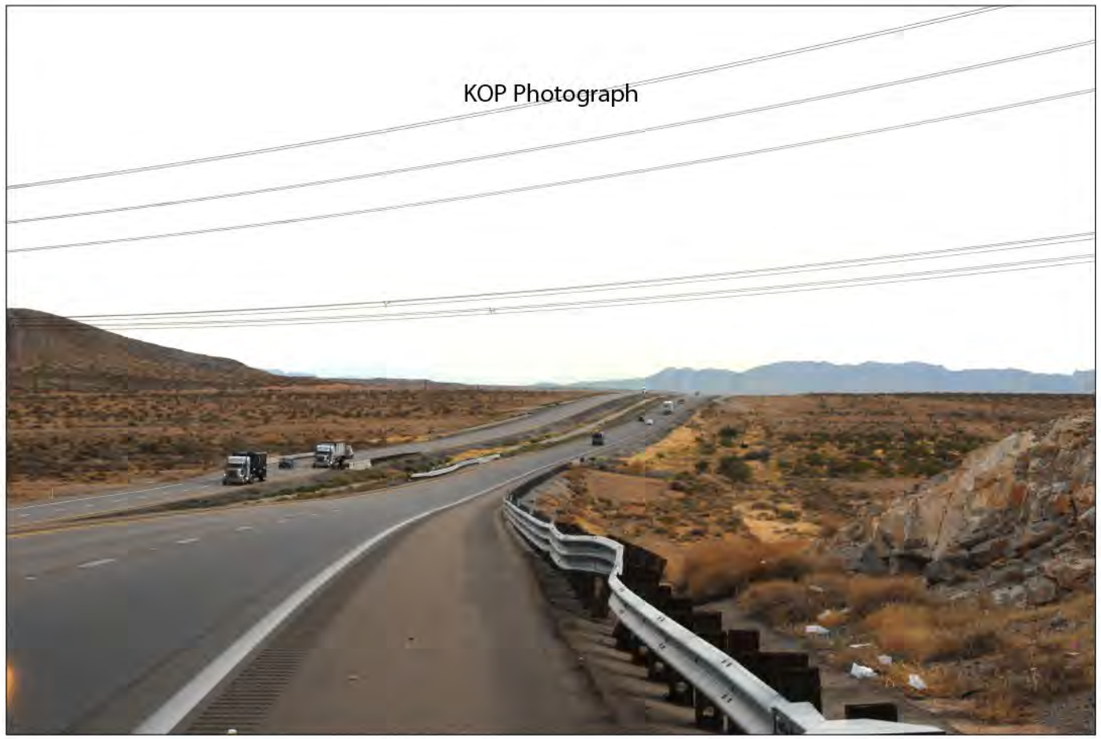
KOP Location

Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-38
Interstate 15
(southbound)
(Segment 590)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LV-39
3. VRM Class: III (VRI Class III)
4. Location: I-15 (northbound). Township 17S Range 64E Section 015
5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures and multiple conductors.
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color											X	
	Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 09/10/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-39
Interstate 15
(northbound)
(Segment 590)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name**
TransWest Express

2. **Key Observation Point**
LV-41

3. **VRM Class**
III (VRI Class III)

4. **Location** Lake Mead Blvd Recreation Area
Township 20S
Range 63E
Section 026

5. **Location Sketch**
Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar parking and signage.
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal gravel parking and vertical and horizontal signage.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Light to medium gray parking. White, green, and reddish brown signage.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									x			
	Line									x			
	Color										x		
	Texture										x		

2. **Does project design meet visual resource management objectives?** ☐ Yes ☑ No **(Explain on reverse side)**

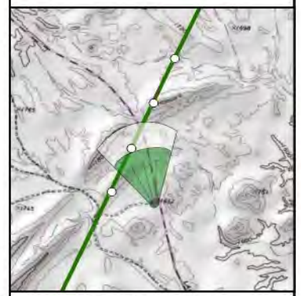
3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 09/10/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

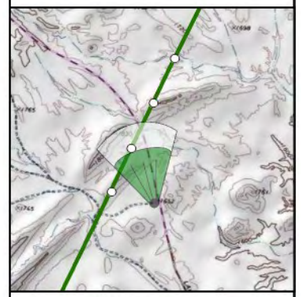
0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-41
Lake Mead Boulevard
Recreation Area
(Segment 630)

Project Location



KOP Location

0 1,400 2,800 5,600 Feet

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-41
(Segment 630)
Simulated Condition

Western Area Power Administration

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LV-42
3. VRM Class: III (VRI Class III)
4. Location: Lake Mead Blvd (southbound); Township 20S; Range 63E; Section 022
5. Location Sketch: Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains. Planar water.	Clumps of desert shrubs and grasses.	Planar roadway. Multiple pyramidal steel structures.
LINE	Curvilinear and angular ridgelines. Horizontal water.	Irregular shrubs and grass patterns.	Meandering roadway and vertical t-lines. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway and dark grey t-lines.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color											X	
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 09/10/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

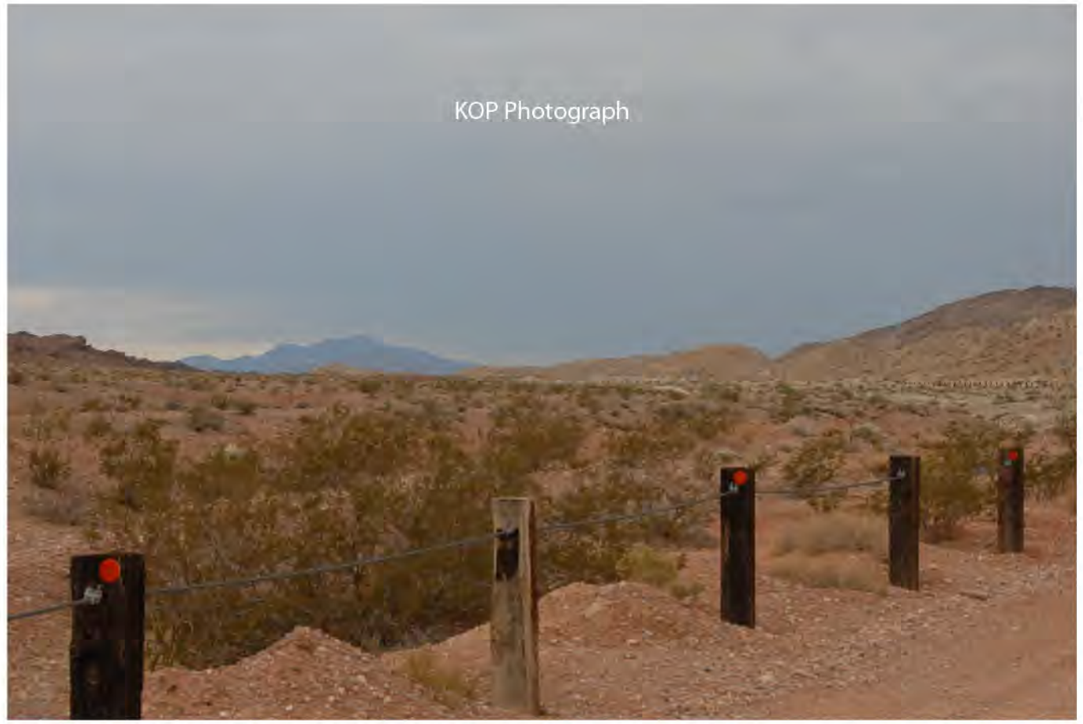
0 1,450 2,900 5,800 Feet

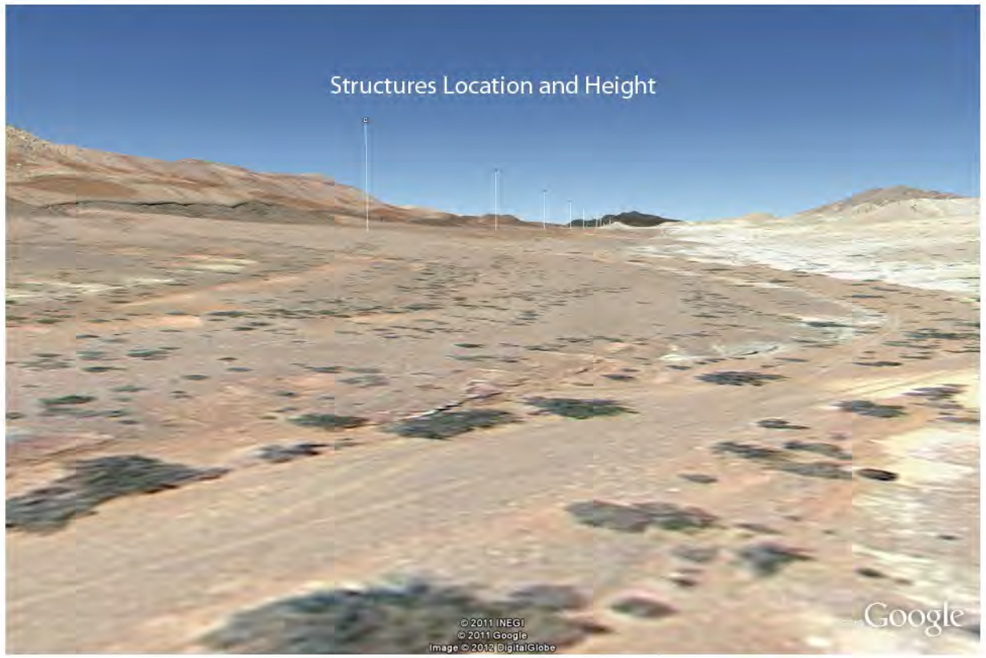
N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-42
Lake Mead Boulevard
(southbound)
(Segment 630)

Western Area Power Administration





Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
LV-43

3. VRM Class
III (VRI Class III)

4. Location Pabco BLM Recreation Road
Township 21S
Range 63E
Section 004

5. Location Sketch
Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains. Planar water.	Clumps of desert shrubs and grasses.	Planar roadway. Cuboid bollards. Linear cables.
LINE	Curvilinear and angular ridgelines. Horizontal water.	Irregular shrubs and grass patterns.	Meandering roadway. Vertical and horizontal bollards and curvilinear cables.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Light to medium reddish tan roadway. Medium to dark brown bollards.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form									x			
	Line									x			
	Color										x		
	Texture										x		

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)

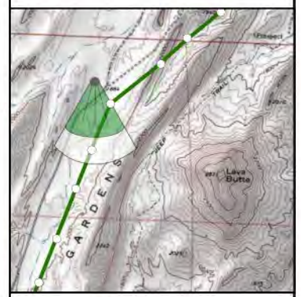
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 09/10/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

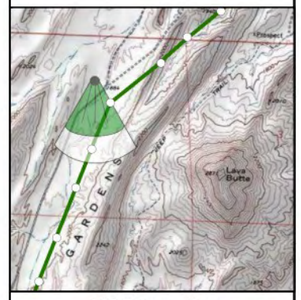
Feet
0 1,550 3,100 6,200

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-43
Pabco BLM
Recreation Road
(Segment 630)

Project Location



KOP Location

0 1,550 3,100 6,200 Feet

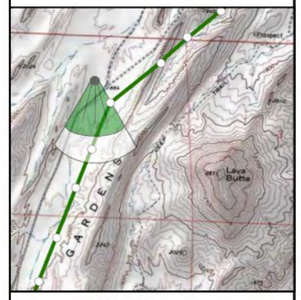
N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-43
Simulated Condition
(Segment 630)

Western Area Power Administration

Project Location



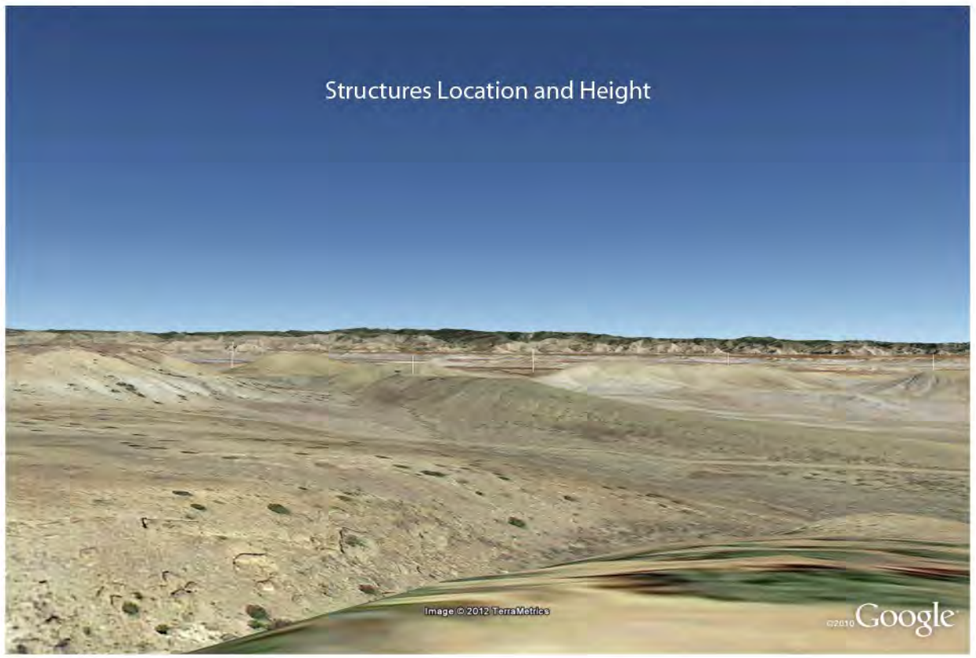
KOP Location

0 1,550 3,100 6,200 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-43
Cumulative Condition
(Segment 630)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
M-1

3. VRM Class
III (VRI Class III)

4. Location I-70 Scenic Overlook
Township 19S
Range 25E
Section 2

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridgeline. Irregular and rounded background mesas. Rolling valley ridges.	Scattered clumps of trees, grasses and forbs.	NA
LINE	Horizontal ridgeline.	Irregular edges of trees, shrubs and grasses.	NA
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium reddish browns.	NA
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color											X	
	Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

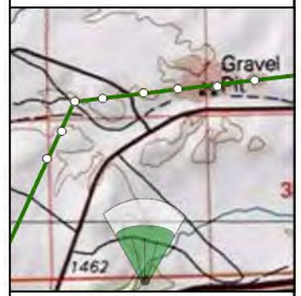
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 01/04/13

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

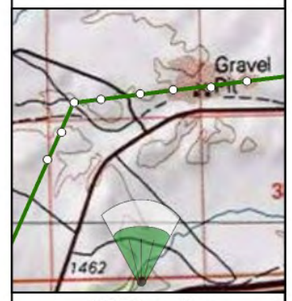
Feet
0 1,800 3,600 7,200

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-1
I-70 Scenic Overlook
(Segment 220.1)

Project Location



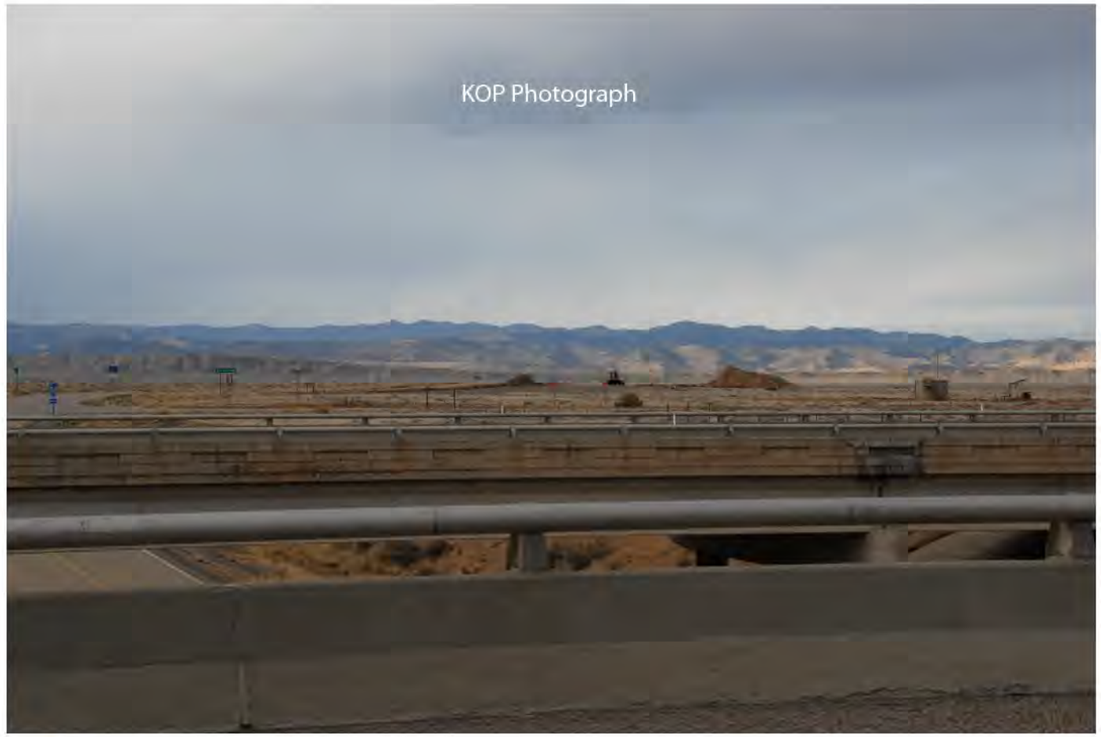
KOP Location

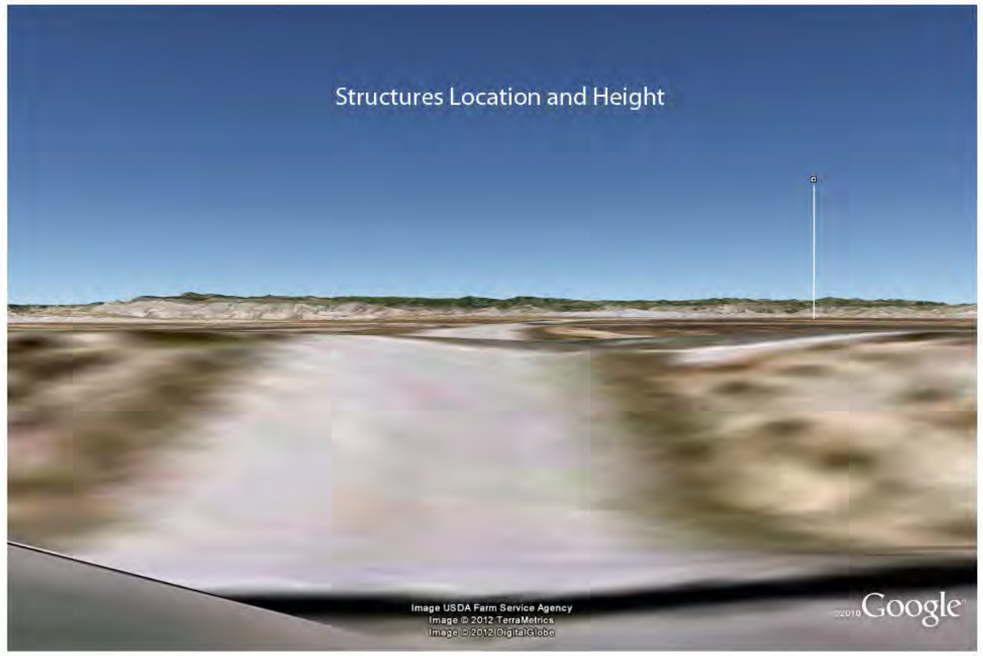
Feet
0 1,800 3,600 7,200

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-1
Simulated Condition
(Segment 220.1)





Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** I-70- Dinosaur Diam. Inters.	**5. Location Sketch**
2. Key Observation Point M-2	**Township** 20S	Please see Figure 3.12-2
3. VRM Class I V (VRI Class III)	**Range** 24E	
	Section 29	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridgeline. Irregular and rounded background mesas. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground paved roadway.
LINE	Horizontal ridgeline.	Irregular edges of shrubs and grasses.	Horizontal.
COLOR	Light to medium light to medium brown and grey rock and soil. Light grey water.	Light tan to medium greens and browns.	Light to medium grey.
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson **Date** 07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-2
Interstate 70
Dinosaur Diamond Intersection
(Segment 220.1)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Old Spanish Trail	**5. Location Sketch**
2. Key Observation Point M-4	**Township** 21S	Please see Figure 3.12-2
3. VRM Class III	**Range** 23E	
	Section 21	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridgeline. Irregular and rounded background mesas. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground paved roadway and parking area.
LINE	Horizontal ridgeline.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium greens and browns.	Light to medium reddish grey and brown.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names	Date
M. Paulson	07/22/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

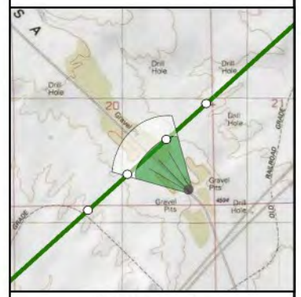
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-4
Old Spanish Trail
(Segment 220.1)

Project Location



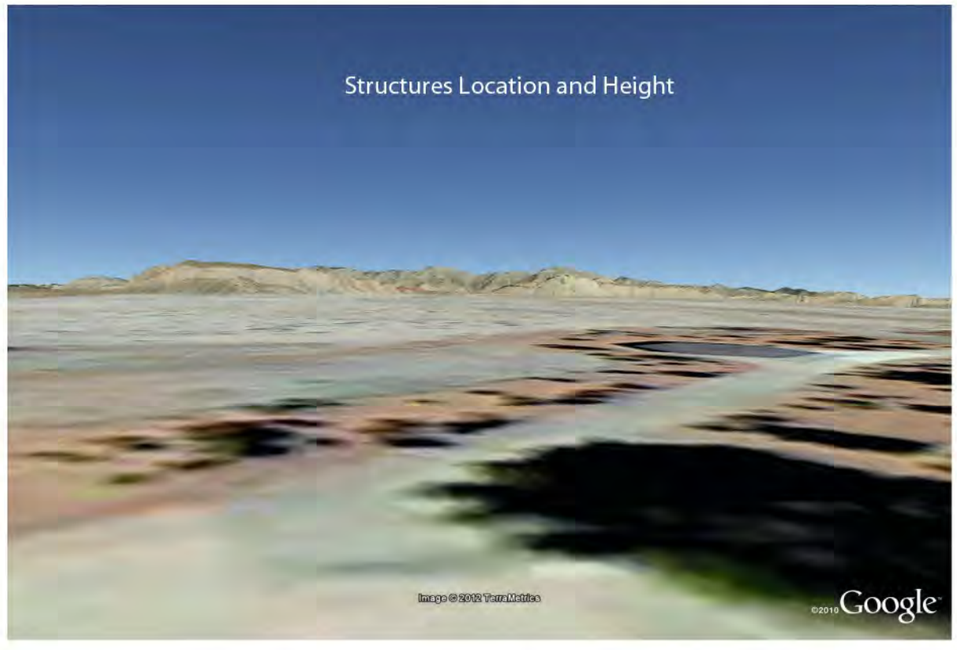
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-4
Simulated Condition
(Segment 220.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: M-7
3. VRM Class: IV (VRI Class III)
4. Location: UDOT I-70 WB; Township 21S; Range 20E; Section 26
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas, erosion patterns and conical form in foreground. Planar valley floor.	Scattered clumps of grasses and forbs.	Prominent linear railroad.
LINE	Horizontal and irregular mesas, meandering edges of flat valley floor.	Irregular edges of grasses.	Horizontal railroad and vertical poles.
COLOR	Light to medium light to medium brown and grey rock and soil. Light grey water.	Light tan to medium and dark brown.	Dark brown rail bed and medium brown poles.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color											X	
Texture											X	

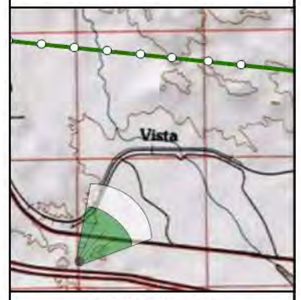
2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 01/04/13

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 2,250 4,500 9,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-7
U.S. Dept of Transportation
I-70 (westbound)
(Segment 220.1)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: M-8
3. VRM Class: Private
4. Location: Sego Canyon Rd. SB; Township 21S; Range 20E; Section 16
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular and rounded mesa. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground roadway.
LINE	Horizontal and irregular mesa, and edges of valley ridges and wash.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark greens and browns.	Light to medium reddish brown.
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 01/04/13

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-8
Sego Canyon Road
(southbound)
(Segment 220.1)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: M-9
3. VRM Class: Private
4. Location: Sego Canyon Road NB; Township 21S; Range 20E; Section 21
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas and erosion patterns. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground paved roadway and cuboid historic school structure. Cell towers in midground.
LINE	Horizontal and irregular mesa, and edges of valley ridges.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear road and horizontal and vertical structures..
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark greens and browns.	Light to medium grey, white, green and brown..
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form									X			
	Line										X		
	Color										X		
	Texture											X	

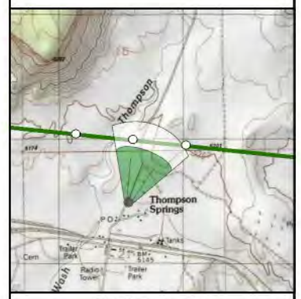
2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 01/04/13

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

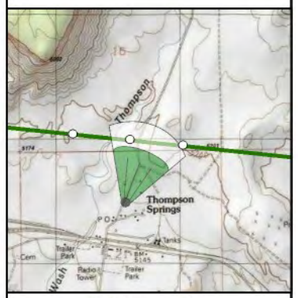
Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-9
Sego Canyon Road
(northroad)
(Segment 220.1)

Project Location



KOP Location

0 1,450 2,900 5,800 Feet

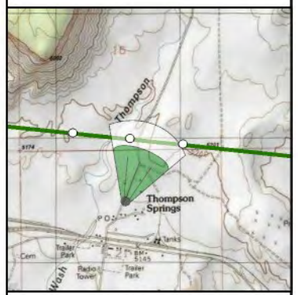
N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-9
Simulated Condition
(Segment 220.1)

Western AREA POWER ADMINISTRATION

Project Location



KOP Location

0 1,450 2,900 5,800 Feet

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-9
Cumulative Condition
(Segment 220.1)

Western AREA POWER ADMINISTRATION

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** M-10
3. **VRM Class** IV (VRI Class III)
4. **Location** Old Spanish Trail (Road)
   Township 21S
   Range 19E
   Section 26
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas and erosion patterns. Planar valley floor.	Scattered clumps of grasses and forbs.	Prominent linear railroad.
LINE	Horizontal and irregular mesas, and edges of flat valley floor.	Irregular edges of grasses.	Horizontal railroad and vertical poles.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark brown.	Dark grey rail bed and medium brown poles.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										x		
Line										x		
Color											x	
Texture											x	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No **(Explain on reverse side)**

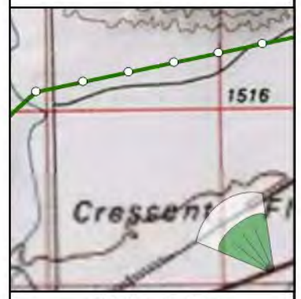
3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 01/04/13

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 1,650 3,300 6,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-10
Old Spanish Trail
(Road)
(Segment 220.1)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: M-11
3. VRM Class: IV
4. Location: UDOT I-70 EB; Township 21S; Range 19E; Section 33
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas, erosion patterns and production pit form in foreground. Planar valley floor.	Scattered clumps of grasses and forbs.	Prominent cylindrical oil facility tanks and railroad bed in foreground. Cylindrical lectrical poles in midground.
LINE	Horizontal and irregular mesas, meandering edges of flat valley floor.	Irregular edges of grasses.	Horizontal and vertical tanks, railroad and poles.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark brown.	Medium olive green tanks, dark brown rail bed and medium brown poles.
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

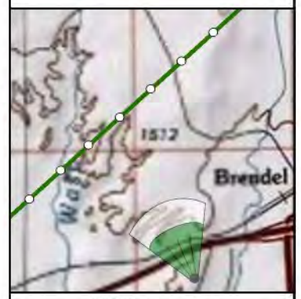
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 01/04/13

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



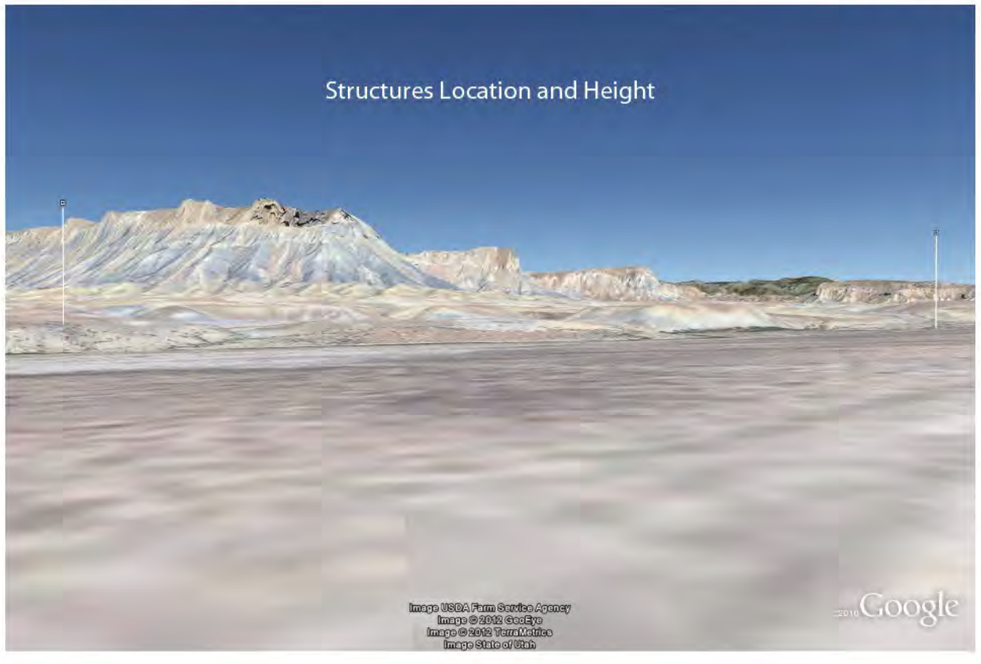
KOP Location

Feet
0 1,800 3,600 7,200

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-11
U.S. Dept. of Transportation
I-70 (eastbound)
(Segment 220.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: M-12
3. VRM Class: IV (VRI Class III)
4. Location: Floy Wash Rd. SB; Township 22S; Range 18E; Section 4
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular horizontal topography.	Scattered clumps of shrubs and grasses.	Prominent planar road.
LINE	Horizontal and irregular shapes.	Irregular shrubs and grasses.	Horizontal road.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium green and brown shrubs and grasses.	Light to medium brown roadways.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

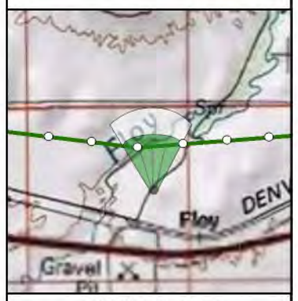
2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

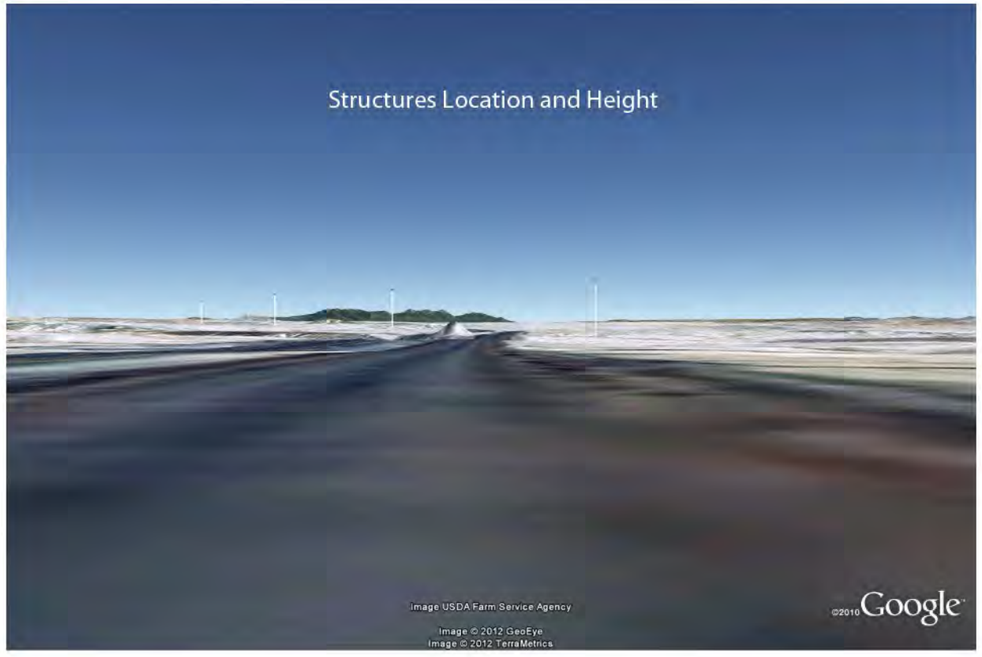
0 1,800 3,600 7,200 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-12
Floy Wash Road
(southbound)
(Segment 220.1)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** I-70 EB **Township** 21S **Range** 17E **Section** 33	**5. Location Sketch** Please see Figure 3.12-2
2. Key Observation Point M-13		
3. VRM Class IV (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular horizontal topography.	Scattered clumps of shrubs and grasses.	Prominent planar road lanes.
LINE	Horizontal and irregular shapes.	Irregular shrubs and grasses.	Horizontal roadways.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium green and brown shrubs and grasses.	Light to medium grey roadways.
TEX-TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

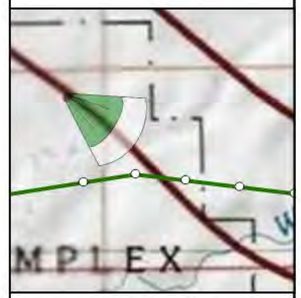
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



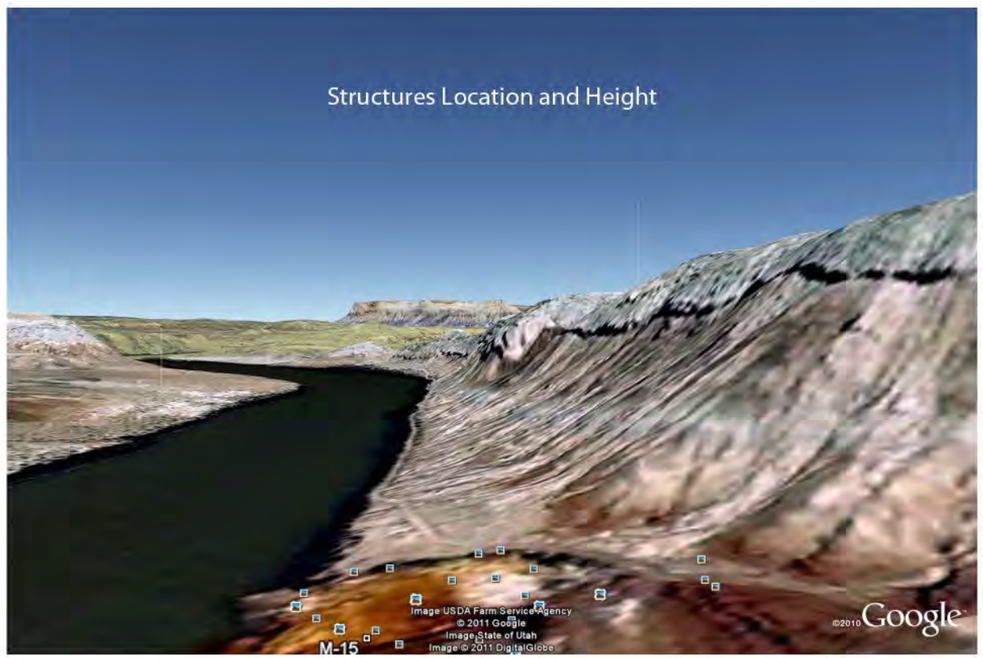
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-13
Interstate 70
(eastbound)
(Segment 220.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: M-15
3. VRM Class: III (VRI Class II)
4. Location: Green Rv. Crystal Geyser Recr.Ar.
   Township 21S
   Range 16E
   Section 34
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas, erosion patterns and production pit form in foreground. Planar river surface and geyser area.	Amorphous riparian trees and shrubs. Scattered clumps of shrubs, grasses and forbs.	Planar roadway.
LINE	Horizontal and irregular mesas, meandering edges of river valley floor.	Irregular edges of riparian trees, shrubs, grasses.	Curvilinear roadway.
COLOR	Bluish grey water surface. Light to medium light to medium reddish brown and grey rock and soil.	Light to medium to dark olive green trees, shrubs, and grasses.	Light to medium tan to grey roadway.
TEX-TURE	Smooth water to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form									X			
	Line									X			
	Color										X		
	Texture										X		

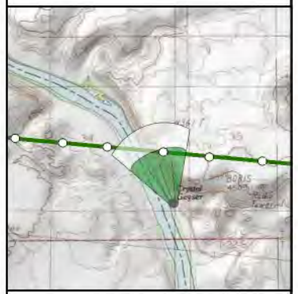
2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 07/28/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

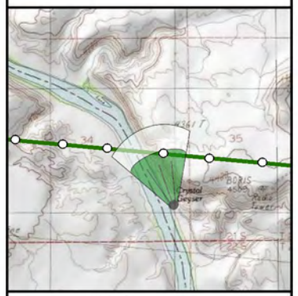
0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-15
Green River/Crystal Geyser Recreation Area
(Segment 220.1)

Project Location



KOP Location

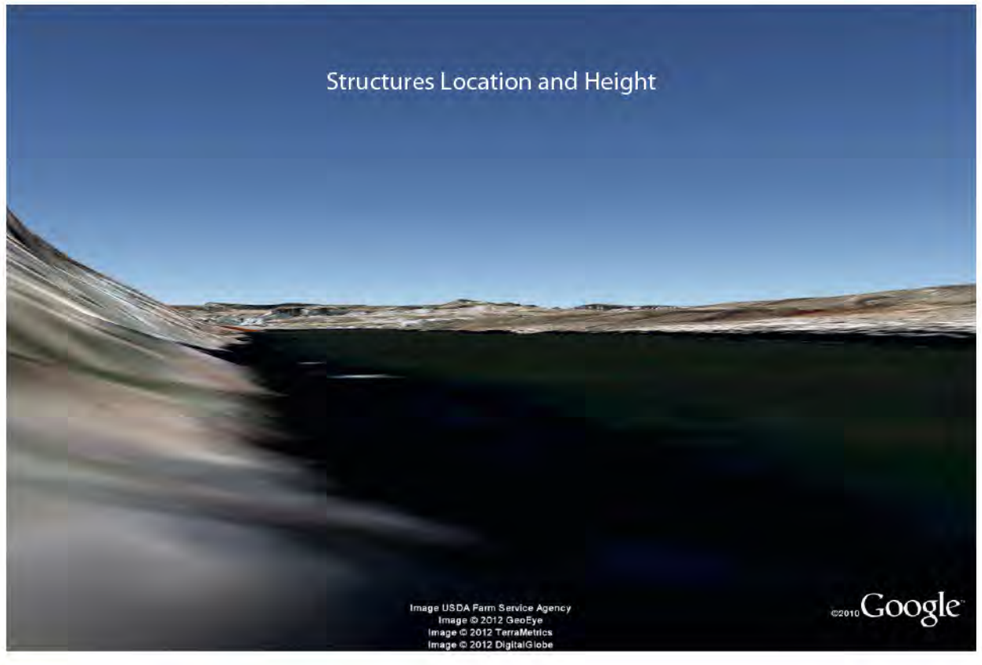
0 1,400 2,800 5,600 Feet

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-15
Simulated Condition
(Segment 220.1)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
P-1

3. VRM Class
III (VRI Class II)

4. Location Green River
Township 21S
Range 16E
Section 34

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas, erosion patterns and production pit form in foreground. Planar river surface and geyser area.	Amorphous riparian trees and shrubs. Scattered clumps of shrubs, grasses and forbs.	Planar H-frame 345-kV transmission line
LINE	Horizontal and irregular mesas, meandering edges of river valley floor.	Irregular edges of riparian trees, shrubs, grasses.	Horizontal and vertical 345-kV transmission line
COLOR	Bluish grey water surface. Light to medium light to medium reddish brown and grey rock and soil.	Light to medium to dark olive green trees, shrubs, and grasses.	Medium to dark brown 345-kV transmission line.
TEXTURE	Smooth water to coarse landforms.	Smooth, moderate and coarse.	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color										X		
	Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/28/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

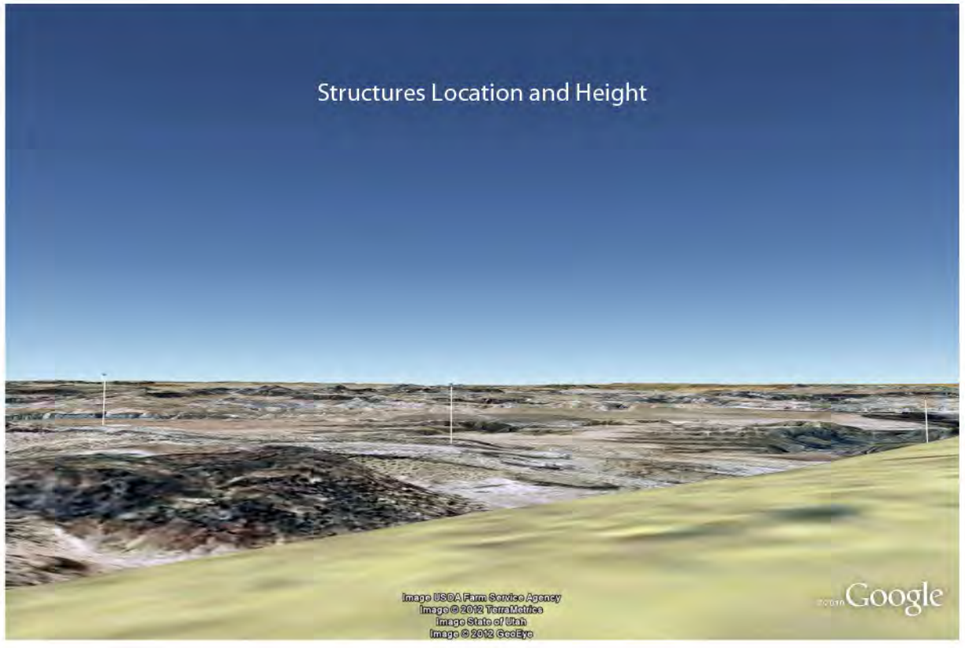
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-1
Green River
(Segment 220.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
P-2

3. VRM Class
IV(VRI Class III)

4. Location Green River Overlook
Township 21S
Range 16E
Section 33

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas and river. Planar valley floor.	Scattered clumps of shrubs. Organic surfaces of riparian in background.	Planar 345-kV poles and crossarms.
LINE	Horizontal and irregular mesas, meandering edges of flat valley floor.	Irregular and curvilinear riparian. Indistinct shrubs.	Vertical structures, arced conductors.
COLOR	Light to medium light to medium brown and grey rock and soil. Light grey water.	Light to medium olive green trees and shrubs.	Medium brown poles.
TEXTURE	Smooth water to coarse landforms.	Smooth, moderate and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color											X	
	Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

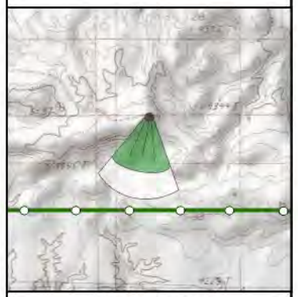
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



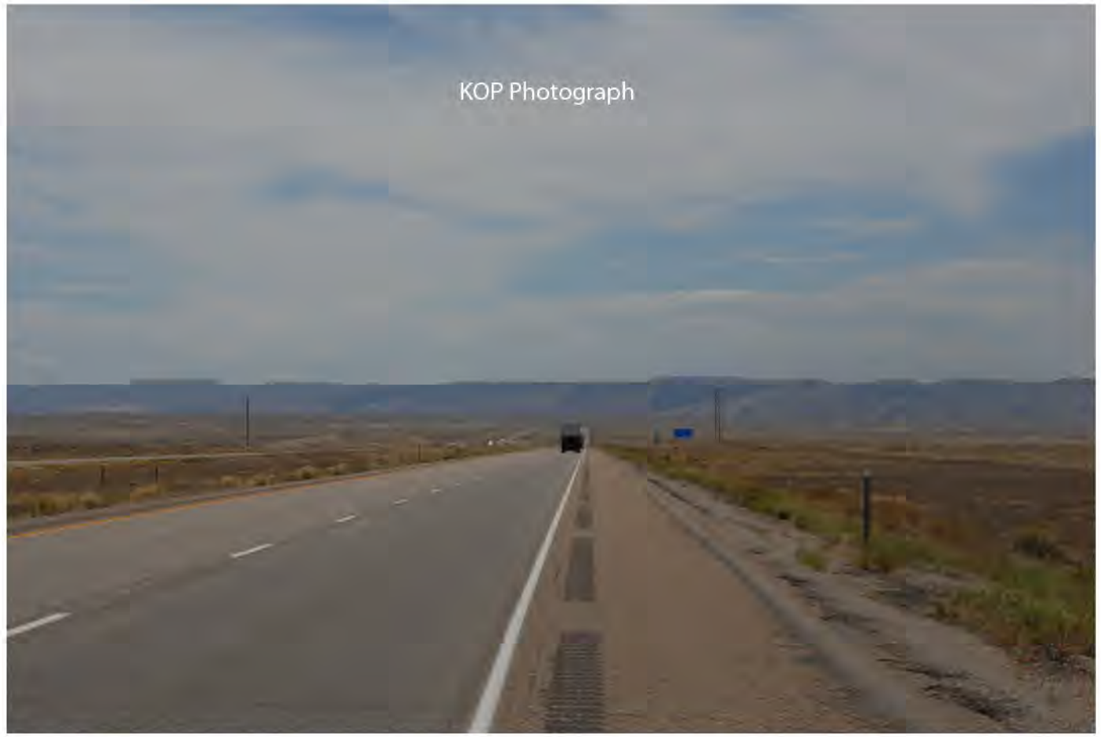
KOP Location

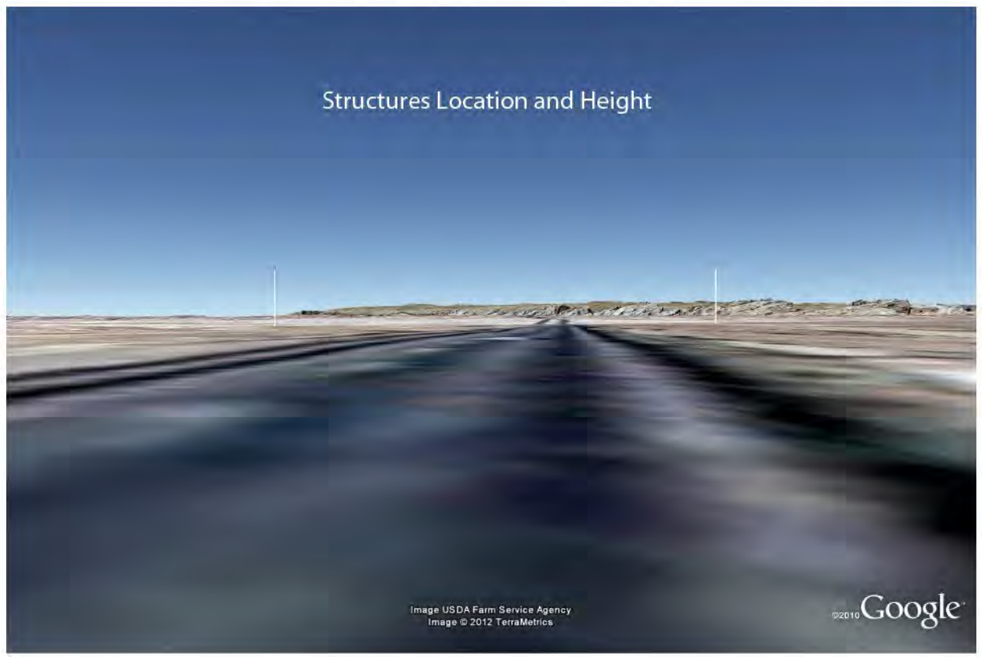
Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-2
Green River Overlook
(Segment 220.1)





Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: P-3
3. VRM Class: III
4. Location: I-70 WB; Township 21S; Range 15E; Section 22
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular horizontal mesas and planar valley floor.	Scattered clumps of shrubs and grasses.	Prominent planar roadways. Planar 345-kV poles and crossarms.
LINE	Horizontal and irregular mesas, horizontal valley floor.	Irregular shrubs and grasses.	Horizontal roadways. Vertical structures, arced conductors.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium brown shrubs and grasses.	Light to medium grey roadways. Medium brown poles.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										x		
	Line										x		
	Color										x		
	Texture											x	

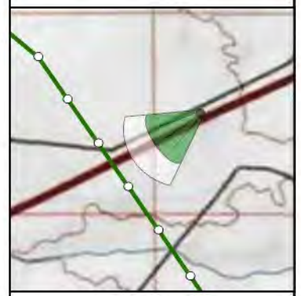
2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 07/22/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



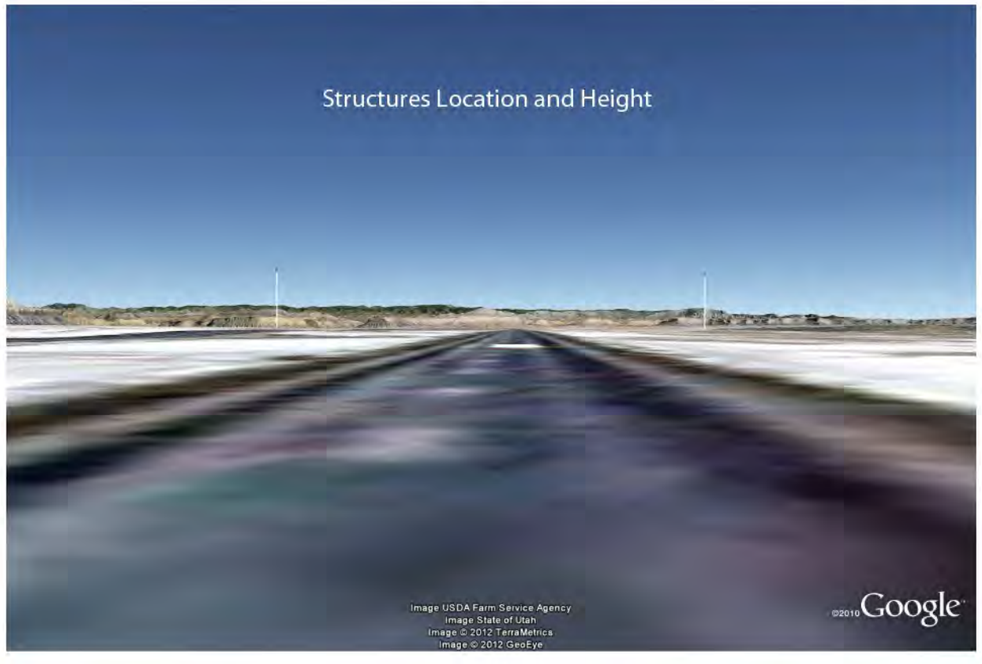
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-3
Interstate 70
(westbound)
(Segment 220.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** I-70 EB **Township** 21S **Range** 15E **Section** 21	**5. Location Sketch** Please see Figure 3.12-2
2. Key Observation Point P-4		
3. VRM Class III (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular horizontal mesas and planar valley floor.	Scattered clumps of shrubs and grasses.	Prominent planar roadways.
LINE	Horizontal and irregular mesas, horizontal valley floor.	Irregular shrubs and grasses.	Horizontal roadways.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium brown shrubs and grasses.	Light to medium grey roadways.
TEX-TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

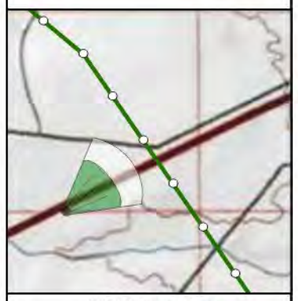
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



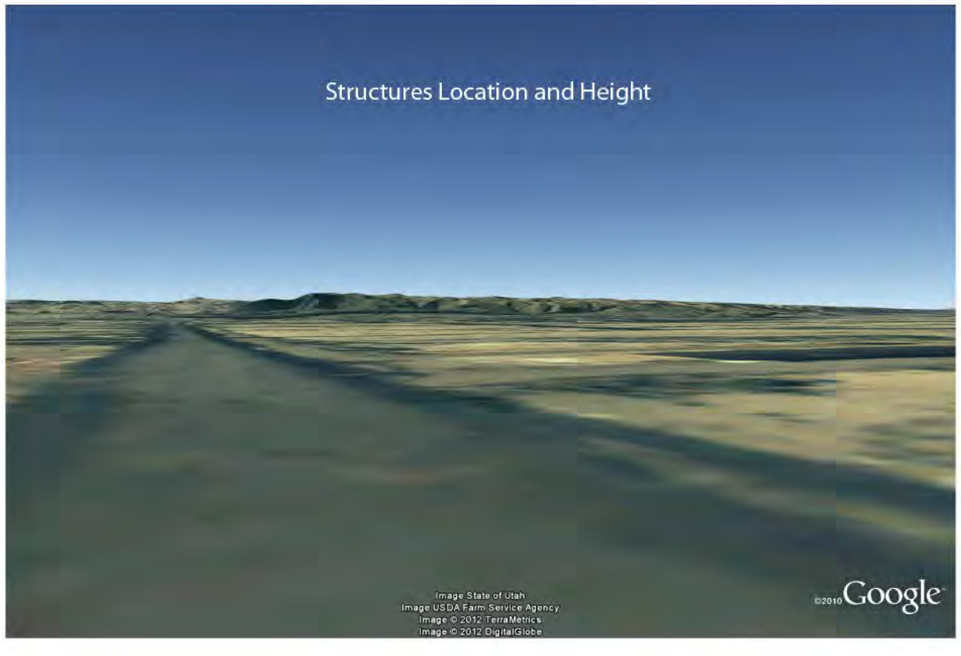
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-4
Interstate 70
(eastbound)
(Segment 220.1)



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(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Green River Park	**5. Location Sketch**
2. Key Observation Point P-5	**Township** 21S	Please see Figure 3.12-2
3. VRM Class IV	**Range** 16E	
	Section 9	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal planar valley floor. Irregular mesas.	Organic clumps of residential trees, shrubs and grasses.	Planar towers. Spherical cell tower. Cylindrical poles. Cubed residential structures.
LINE	Irregular skyline.	Curvilinear tree edges. Rectilinear edges of roadside grasses.	Vertical power poles. Horizontal and vertical structures.
COLOR	Light to medium light to medium brown and grey soils.	Dark olive green trees. Light silver gray green shrubs. Tan to green grasses.	Multiple structures. Dark brown poles. Brown poles
TEX-TURE	Smooth to moderate landforms.	Coarse trees and field grasses.	Smooth to medium structures and poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

		FEATURES												
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
DEGREE OF CONTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
Elements	Form											X		
	Line											X		
	Color											X		
	Texture													

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

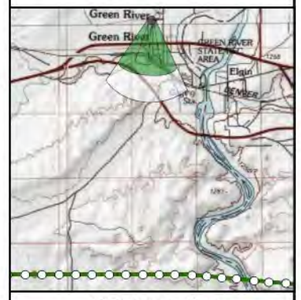
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names	Date
M. Paulson	07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 4,500 9,000 18,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-5
Green River Park
(Segment 220.1)

Western Area Power Administration

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
P-7

3. VRM Class
IV (VRI Class IV)

4. Location Cedar Mt. Scenic Overlook
Township 19S
Range 11E
Section 13

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Complex and irregular canyons. Planar valley floor. Irregular geology in foreground.	Organic clumps and surfaces of pinon-juniper, shrubs and grasses.	Cylindrical 345-kV poles.
LINE	Horizontal and irregular, wide flat valley floor. Curvilinear canyons.	Irregular edges of riparian, shrubs and grasses.	Vertical and horizontal.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green riparian and shrubs. Light tan to green grasses..	Medium brown poles.
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form								X	X			
	Line								X		X		
	Color								X		X		
	Texture								X			X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

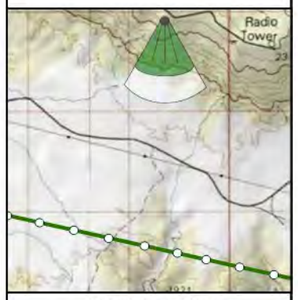
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



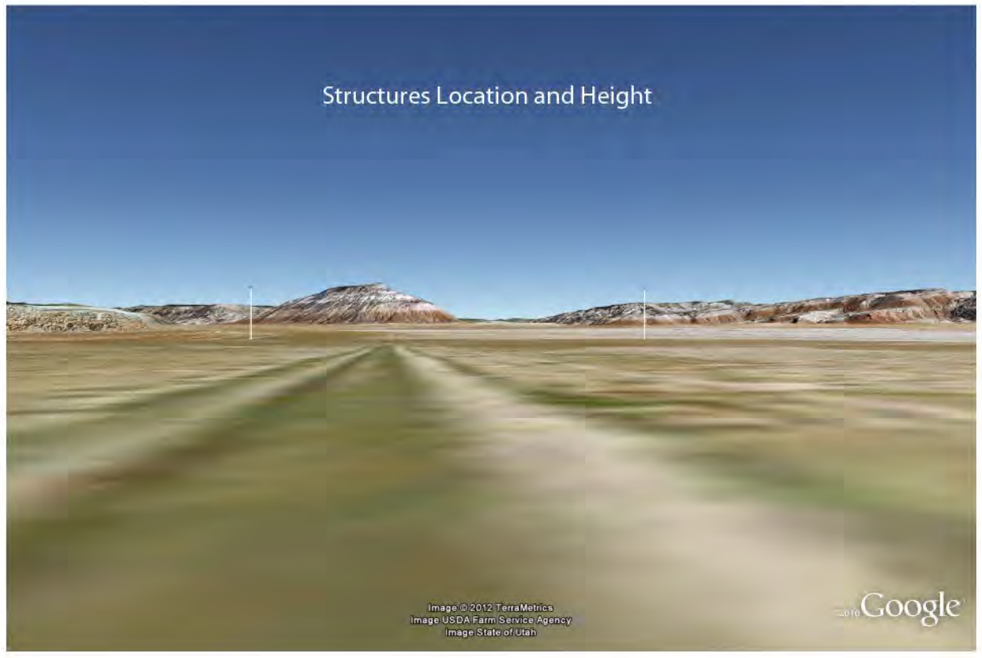
KOP Location

0 2,875 5,750 11,500 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-7
Cedar Mountain
Scenic Overlook
(Segment 225.2)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
P-9

3. VRM Class
III (VRI Class III)

4. Location Wedge Overlook Scenic Bkway
Township 19S
Range 10E
Section 22

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent mesas. Planar valley floor.	Organic clumps and surfaces of shrubs and grasses.	Planar roadway. Cubed structures.
LINE	Horizontal and irregular mesas, wide flat valley floor.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear roadway. Horizontal and vertical structures.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium olive green shrubs. Light tan to green grasses..	Light to medium brown roadway. White structures.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form			X				X		X			
	Line			X				X			X		
	Color			X				X		X			
	Texture			X				X		X			

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

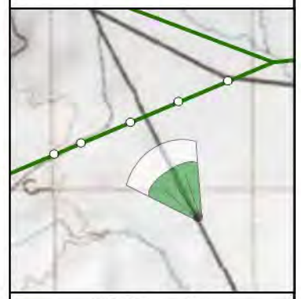
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/25/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-9
Wedge Overlook
Scenic Backway
(Segment 225.2)

Western Area Power Administration

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Buckhorn Drive Backway	**5. Location Sketch**
2. Key Observation Point P-10	**Township** 18S	Please see Figure 3.12-2
3. VRM Class III	**Range** 8E	
	Section 36	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal and irregular planar ridges.	Organic clumps and surfaces of shrubs and grasses. Rounded riparian. inon-juniper in the midground.	Cylindrical poles.
LINE	Horizontal and irregular mesa skyline, angular side slopes and wide flat valley floor.	Irregular edges of riparian, shrubs and grasses.	Vertical.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green riparian and shrubs. Light tan to green grasses..	Dark brown poles.
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ **SHORT TERM** ☑ **LONG TERM**

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form									x			
	Line									x			
	Color										x		
	Texture											x	

2. Does project design meet visual resource management objectives? ☐ **Yes** ☑ **No** **(Explain on reverse side)**

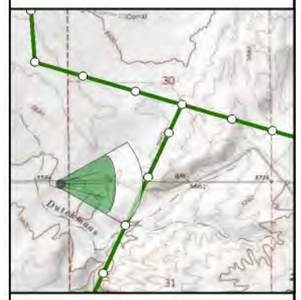
3. Additional mitigating measures recommended ☐ **Yes** ☐ **No (Explain on reverse side)**

Evaluator's Names M. Paulson — **Date** 07/25/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

Feet
0 1,500 3,000 6,000

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-10
Buckhorn Drive Backway
(Segment 330.1)

Western Area Power Administration

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** P-12
3. **VRM Class** IV
4. **Location** Utah SH 10– NB
   Township 18S
   Range 8E
   Section 13
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal planar valley floor.	Organic clumps of residential trees, shrubs and grasses.	Planar twin steel lattice towers. Cylindrical poles. Cubed residential structures.
LINE	Horizontal skyline.	Curvilinear tree edges. Rectilinear edges of roadside grasses.	Vertical power poles. Horizontal and vertical structures.
COLOR	Light to medium light to medium brown soil.	Dark olive green trees. Light silver gray green shrubs. Golden tan to green grasses.	Medium grey structures. Dark brown poles. Brown structures.
TEX-TURE	Smooth landforms.	Coarse trees and field grasses.	Smooth to medium structures and poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No (Explain on reverse side)
3. **Additional mitigating measures recommended** ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson **Date** 07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

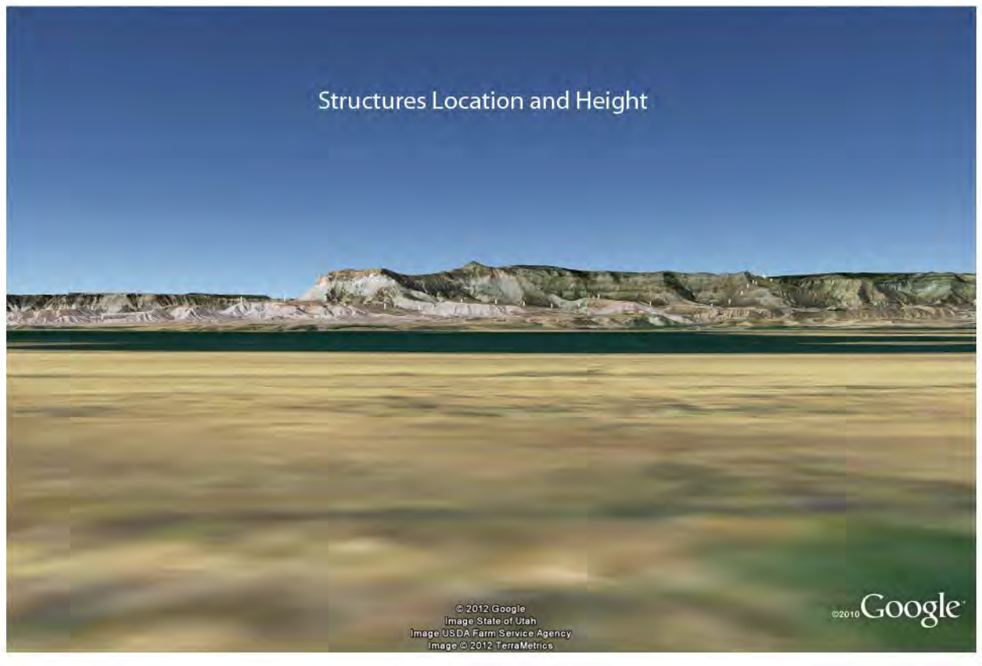
KOP Location

0 3,300 6,600 13,200 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-12
Utah State Hwy 10
(northbound)
(Segment 270)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: P-13
3. VRM Class: III
4. Location: Huntington State Park; Township 17S; Range 9E; Section 17
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain mesas. Inclined planar side slopes. Rolling valley floor.	Organic clumps and surfaces of pinon-juniper forest.	Cubed residential structures beyond the reservoir.
LINE	Angular mountain skyline, banded eroded side slopes.	Irregular edges of forest cover and foreground trees and shrubs.	Horizontal and vertical edges of structures.
COLOR	Light to medium light to medium brown rock and soil.	Medium to dark olive green forest.	Light to medium browns and white of structures.
TEX-TURE	Smooth landforms, coarse geology.	Medium pinon-juniper forest.	Smooth structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

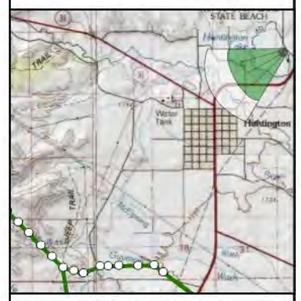
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names	Date
M. Paulson	07/22/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



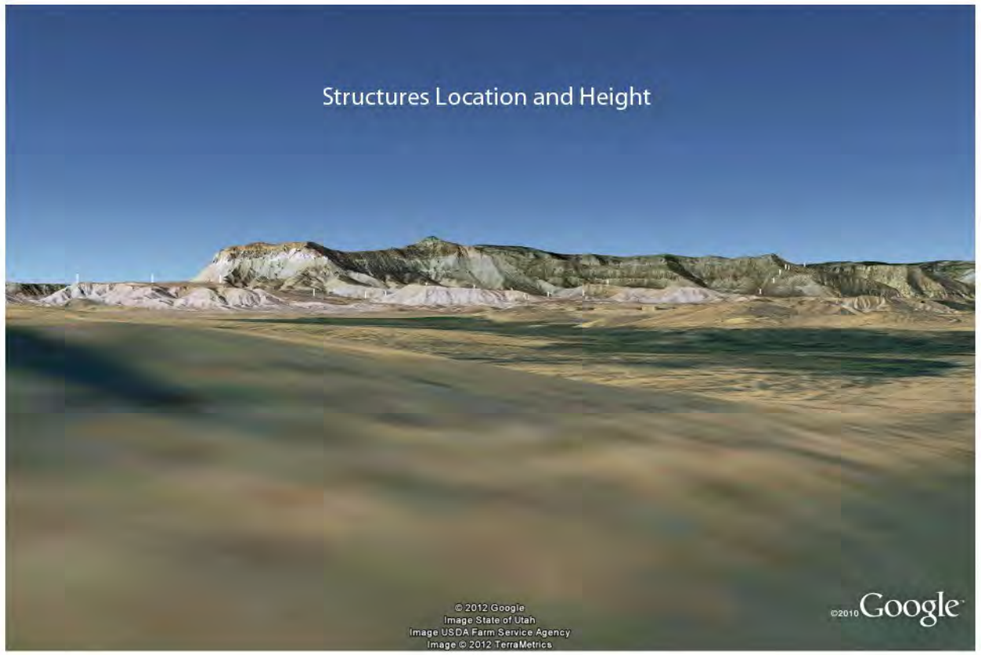
KOP Location

0 4,700 9,400 18,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-13
Huntington State Park
(Segments 270, 310)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/23/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
P-14

3. VRM Class
III

4. Location Utah SH 31 - Huntington
Township 17S
Range 8E
Section 13

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain mesas. Inclined planar side slopes. Rolling valley floor.	Organic clumps and surfaces of pinon-juniper forest.	NA
LINE	Angular mountain skyline, banded eroded side slopes.	Irregular edges of forest cover and foreground trees and shrubs.	NA
COLOR	Light to medium light to medium brown rock and soil.	Medium to dark olive green forest.	NA
TEX-TURE	Smooth landforms, coarse geology.	Medium pinon-juniper forest.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

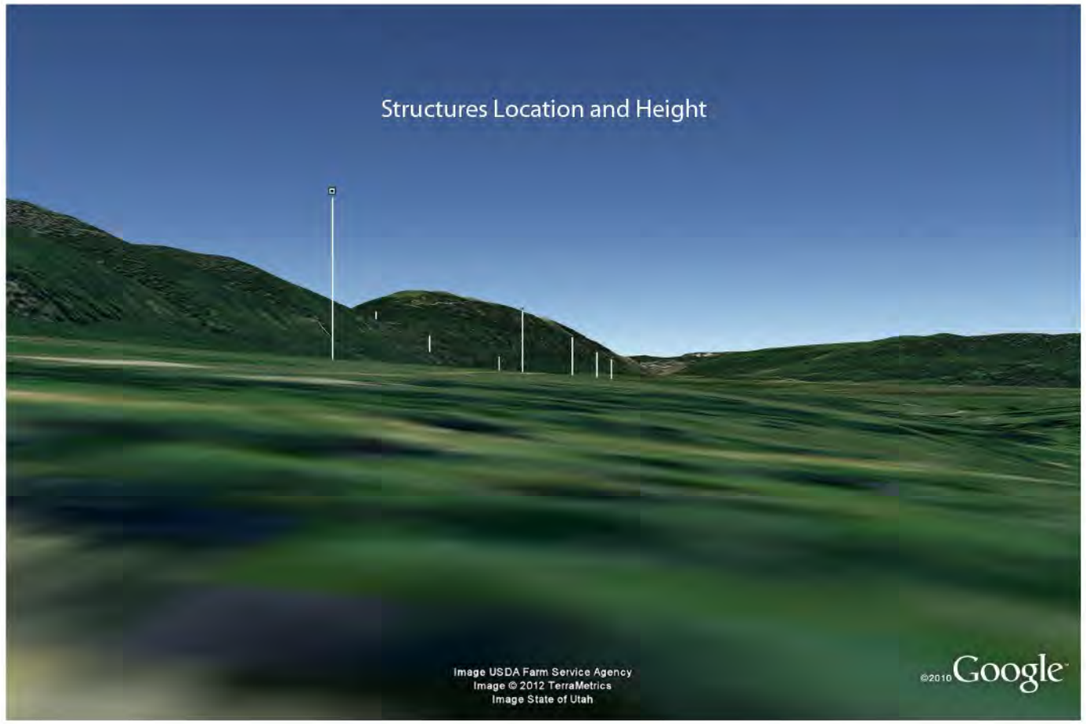
KOP Location

0 4,700 9,400 18,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-14
Utah State Hwy 31
Huntington
(Segments 270, 310)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011
District Price FO – Manti-LaSal NF
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Indian Cr. Campground	**5. Location Sketch**
2. Key Observation Point P-16	**Township** 16S	Please see Figure 3.12-2
3. VRM Class USFS VQO Partial Retention	**Range** 6E	
	Section 10	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain ridges – v-shaped narrow valley. Inclined planar side slopes.	Organic clumps and surfaces of aspen and spruce forest.	Strongly cylindrical wood poles and planar conductors.
LINE	Angular mountain skyline, angular side slopes and inclined valley floor.	Toothed skyline edges of forest.	Vertical and horizontal wood pole and crossarm elements and arced conductors.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green forest. Light bluish-silvery sagebrush. Purplish blue lupine.	Medium to dark brown poles and light silver-grey conductors.
TEX-TURE	Smooth landforms.	Coarse deciduous and coniferous forest.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light greens and tans ROW clearing.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE		Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

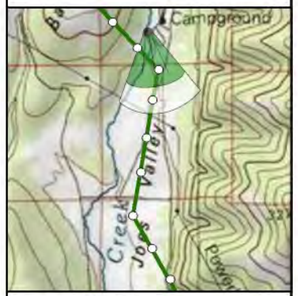
SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES												2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
Elements	Form						X				X			Evaluator's Names: M. Paulson — Date: 07/22/2011
	Line							X				X		
	Color						X					X		
	Texture							X						

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would be consistent with Moderate SIO or Partial Retention VQO management objectives. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



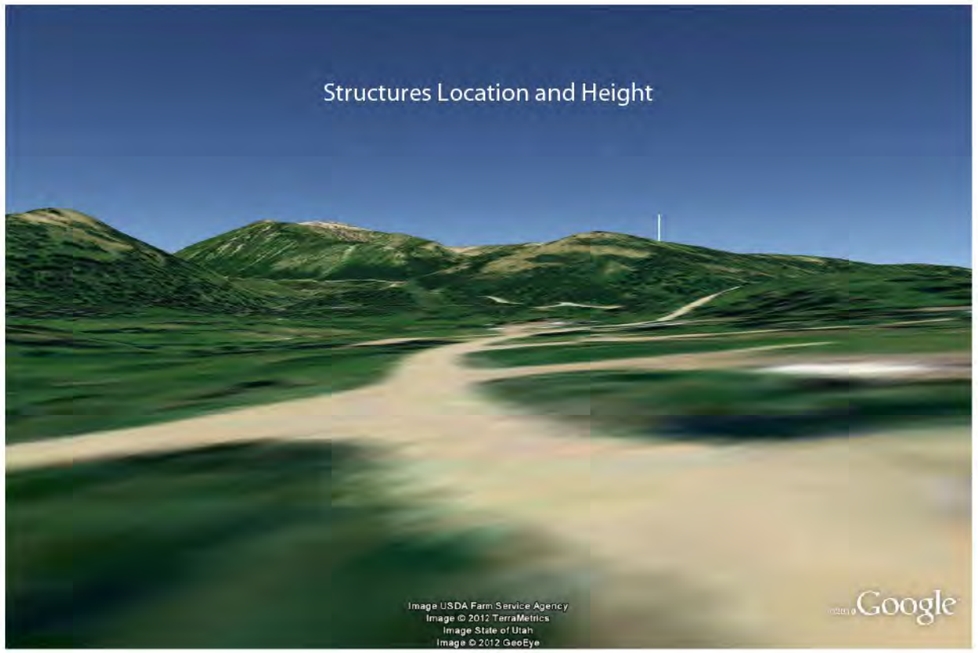
KOP Location

0 2,375 4,750 9,500 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-16
Indian Creek Campground
(Segment 310)



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(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011
District Manti-LaSal NF
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
P-17

3. VRM Class
USFS VQO Modification

4. Location Potters Ponds Campground
Township 16S
Range 6E
Section 8

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain ridges. Inclined planar side slopes.	Organic clumps and surfaces of aspen, spruce and fir forest.	Cubed and cylindrical campground structures. Planar roadways.
LINE	Angular mountain skyline, angular side slopes and inclined valley floor.	Toothed skyline edges of forest.	Vertical and horizontal campground structures and roadways.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green forest. Light green and yellow cinquefoil.	Light tans to medium brown structures and roadways.
TEX-TURE	Smooth landforms.	Coarse deciduous and coniferous forest.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light greens and tans ROW clearing.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE		Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form						X				X		
	Line							X			X		
	Color							X				X	
	Texture							X				X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

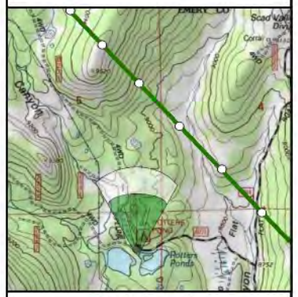
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names M. Paulson
Date 07/22/2011

Rationale:
The Project would be consistent with VQO Modification management objectives. This management objective allows for moderate alternations to the landscape. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

Feet
0 1,400 2,800 5,600

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-17
Campground
(Segment 310)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: P-18
3. VRM Class: IV
4. Location: Old Spanish Tr. Molen Rd. Township 20S Range 8E Section 17
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular planar ridge. Conical in background.	Organic clumps and surfaces of shrubs. Both blanket and scattered pinon-juniper.	Planar steel lattice structures (twin).
LINE	Horizontal mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of shrubs and grasses.	Vertical and horizontal.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green pinon-juniper and shrubs. Light bluish-silvery sagebrush. Light tan to green grasses..	Light to medium grey.
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form										x		
Line										x		
Color										x		
Texture											x	

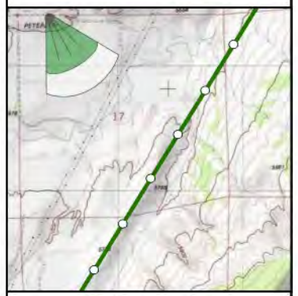
2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 07/22/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



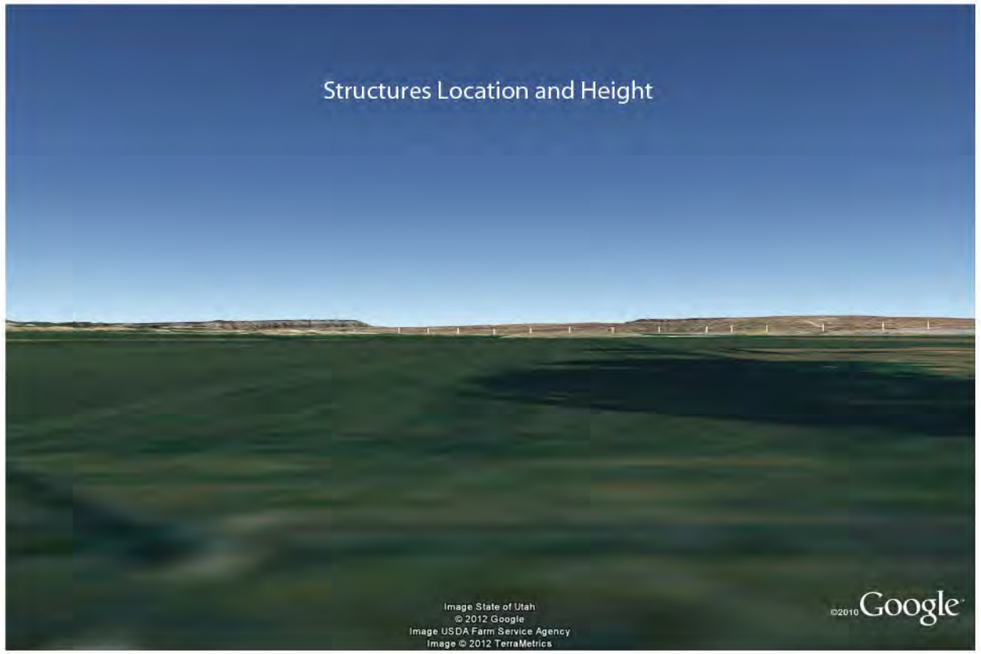
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-18
Old Spanish Trail
Molen Road
(Segment 310)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Utah SH 10– Residential Township 20S Range 7E Section 15	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point P-19		
3. VRM Class IV		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal planar ridges.	Organic clumps of residential trees, shrubs and grasses.	Cylindrical poles. Cubed residential structures.
LINE	Horizontal skyline.	Curvilinear tree edges. Rectilinear field grasses.	Vertical power poles. Horizontal and vertical structures.
COLOR	Light to medium light to medium brown soil.	Dark olive green trees. Light silver gray green shrubs. Golden tan to green grasses. Strong green mown areas.	Dark brown poles. Brown structures.
TEXTURE	Smooth landforms.	Coarse trees and field grasses.	Smooth to medium structures and poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

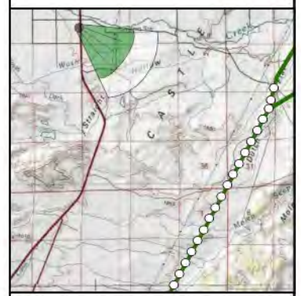
SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES												2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)	
Elements	Form											X		Evaluator's Names	Date
	Line											X		M. Paulson	07/22/2011
	Color											X			
	Texture												X		

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



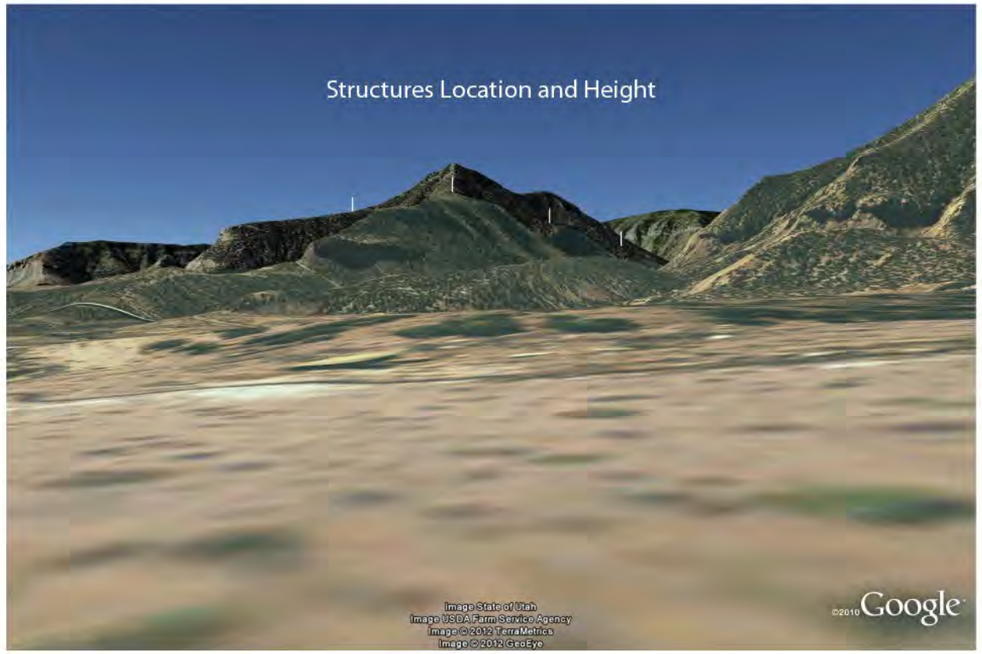
KOP Location

Feet
0 6,000 12,000 24,000

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-19
Utah State Hwy 10
Residential
(Segment 330.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/23/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** P-32
3. **VRM Class** USFS VQO Partial Retention
4. **Location** Utah SH 31
   Township 16S
   Range 7E
   Section 36
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain ridges – strongly v-shaped narrow valley. Inclined planar side slopes.	Organic clumps and surfaces of coniferous forest.	Strongly cylindrical wood poles and planar conductors. Planar steel lattice.
LINE	Angular mountain skyline, angular side slopes and inclined valley floor. Horizontal toe-of-slope bench.	Toothed skyline edges of forest.	Vertical and horizontal wood pole and crossarm elements and arced conductors. Vertical steel lattice.
COLOR	Light to medium light to medium brown rock and soil.	Medium to dark olive green forest.	Medium to dark brown poles and light silver-grey conductors Gray steel lattice.
TEX-TURE	Smooth landforms, coarse geology.	Coarse coniferous forest.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing in conifers.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Linear edges of ROW clearing in conifers.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light to medium tan grasses in ROW clearing in conifers.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE		Smooth to medium ROW clearing.	

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form					X					X		
Line						X				X		
Color						X				X		
Texture						X					X	

2. **Does project design meet visual resource management objectives?** ☐ Yes ☑ No **(Explain on reverse side)**
3. **Additional mitigating measures recommended** ☑ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 07/22/2011

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not be consistent with High SIO or Retention VQO management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 3,125 6,250 12,500 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-32
Utah State Hwy 31
(Segment 310)

Project Location

KOP Location

0 3,125 6,250 12,500 Feet

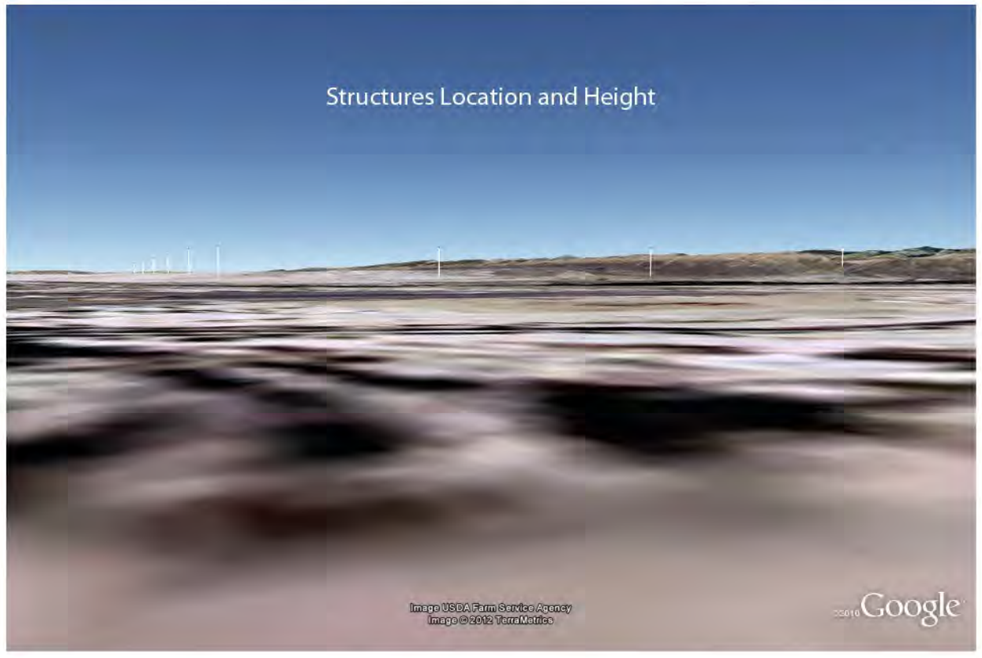
N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-32
Simulated Condition
(Segment 310)

Western AREA POWER ADMINISTRATION

KOP Photograph



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/11/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
P-33

3. VRM Class
NA

4. Location U.S. 6 – Woodside (southbound)
Township 18S
Range 14E
Section 9

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains backdrop, rolling hills, and planar valley floor.	Organic clumps and surfaces of cottonwoods, grasses and forbs.	Cylindrical tanks and wood poles and rectangular-cubed motor homes.
LINE	Irregular mountain skyline, curvilinear hills, and horizontal valley floor.	Irregular edges of cottonwoods, grasses and forbs.	Horizontal and vertical vehicles, poles, lift structure and fence posts.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium tan to orangish brown cottonwoods, grasses and forbs..	White tanks, multiple colors of motor homes and dark brown poles.
TEX-TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form		X					X		X			
	Line			X				X		X			
	Color			X				X			X		
	Texture			X				X			X		

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No **(Explain on reverse side)**

3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 11/11/2011

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

KOP Location

0 1,950 3,900 7,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-33
U.S. 6 - Woodside
(southbound)
(Segment 222.05)

Western Area Power Administration

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/11/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: P-34
3. VRM Class: IV (VRI Class III)
4. Location: U.S. 6 (northbound); Township 20S; Range 14E; Section 35
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains backdrop, rolling hills, and planar valley floor.	Organic clumps and surfaces of grasses and forbs.	Planar roadway.
LINE	Irregular mountain skyline, curvilinear hills, and horizontal valley floor.	Irregular edges of grasses and forbs.	Linear roadway and markers and curving fence rows.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium tan to brown grasses and forbs..	Light to medium grey roadway.
TEX-TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

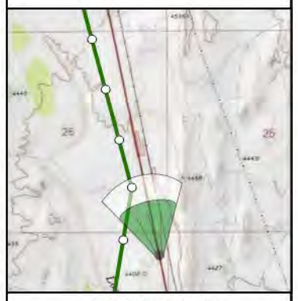
2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 11/11/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

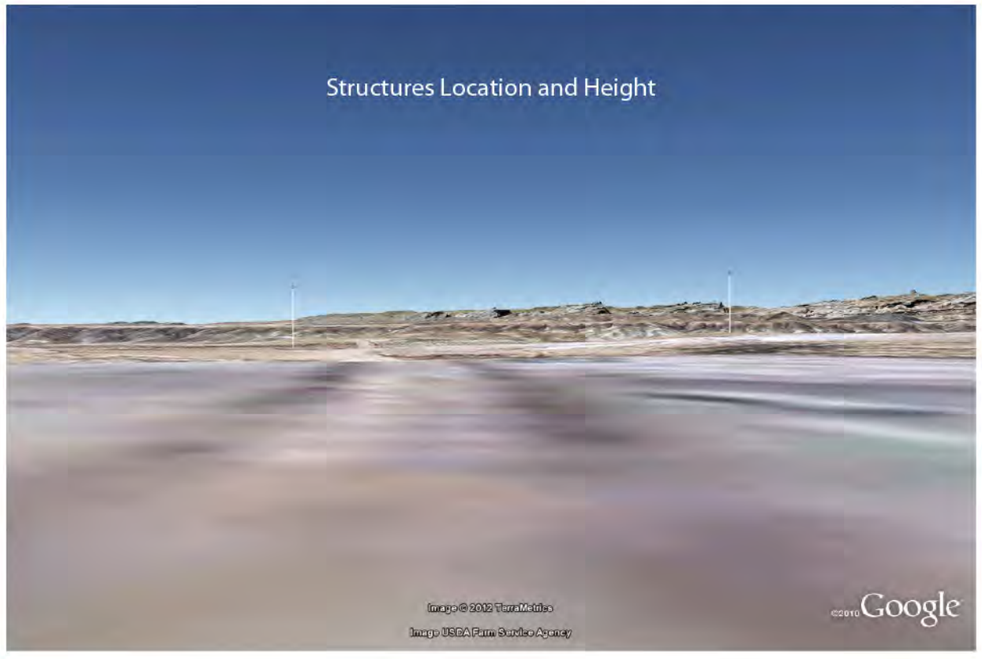
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-34
U.S. 6 (northbound)
(Segment 220.1)

KOP Photograph



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/11/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: P-35
3. VRM Class: IV (VRI Class III)
4. Location: Smith Camp Road; Township 21S; Range 14E; Section 1
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain escarpment backdrop, rolling hills, and planar valley floor.	Organic clumps and surfaces of grasses and forbs.	Planar roadway and 345-kV H-frame.
LINE	Irregular mountain skyline, curvilinear hills, and horizontal valley floor.	Irregular edges of grasses and forbs.	Angular roadway, and vertical and horizontal 345-kV H-frame.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium tan to brownish grey grasses and forbs..	Medium brown roadway and dark brown 345-kV H-frame.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										x		
Line										x		
Color										x		
Texture											x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson — Date: 11/11/2011

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

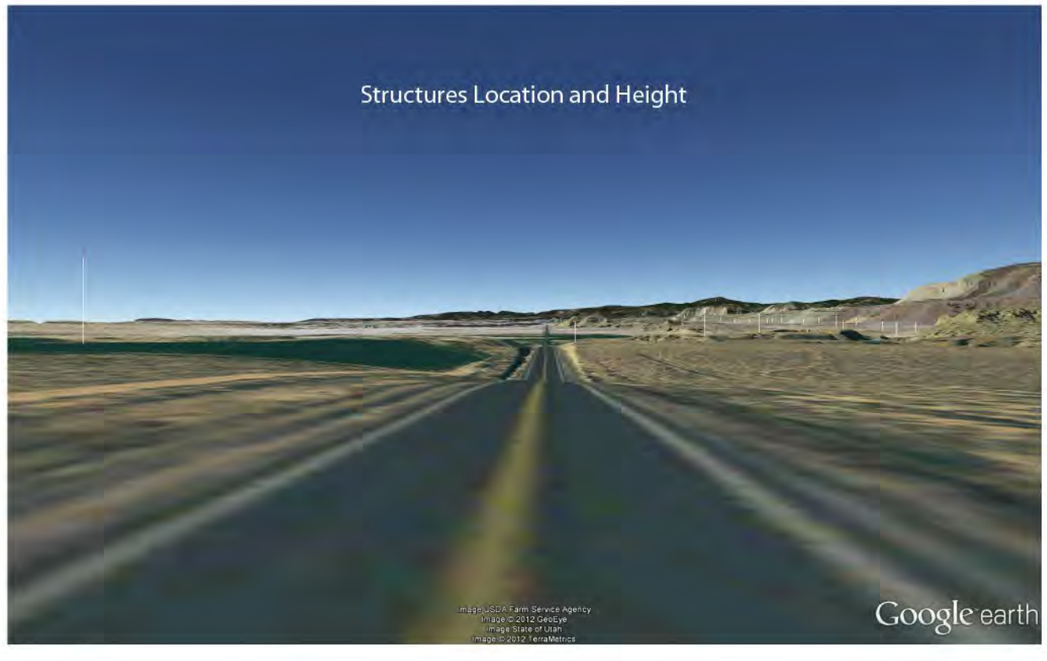
KOP Location

Feet
0 1,375 2,750 5,500

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-35
Smith Camp Road
(Segment 220.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
P-36

3. VRM Class
Private

4. Location Utah SH 10 SB
Township 22S
Range 6E
Section 20

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular planar ridge. Vertical planar slope faces and walls and eroded rocky side slopes.	Organic clumps and surfaces of shrubs. Blanket of pinon-juniper on the skyline.	Strongly planar paved roadway and twin 345-kV steel lattice structures.
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of shrubs and grasses. Curved edges of pinon-juniper in background.	Straight and horizontal and vertical 345-kV structures
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green shrubs. Light bluish-silvery sagebrush. Light tan to green grasses..	Light to medium grey roadway and 345-kV structures.
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No **(Explain on reverse side)**

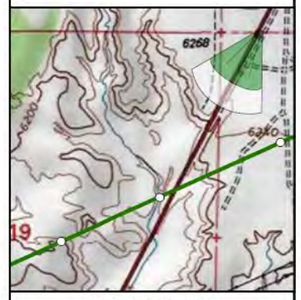
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 08/04/2012

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

Feet
0 700 1,400 2,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-36
Utah SH 10
(southbound)
(Segment 330.1)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: P-37
3. VRM Class: Private
4. Location: Utah SH 10 NB; Township 22S; Range 6E; Section 30
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular planar ridge. Vertical planar slope faces and walls and eroded rocky side slopes.	Organic clumps and surfaces of shrubs. Blanket of pinon-juniper on the skyline.	Strongly planar paved roadway and twin 345-kV steel lattice structures.
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of shrubs and grasses. Curved edges of pinon-juniper in background.	Straight and horizontal and vertical 345-kV structures
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green shrubs. Light bluish-silvery sagebrush. Light tan to green grasses..	Light to medium grey roadway and 345-kV structures.
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line										X		
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

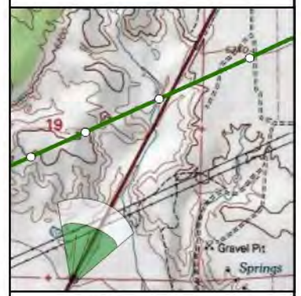
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 08/04/2012

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

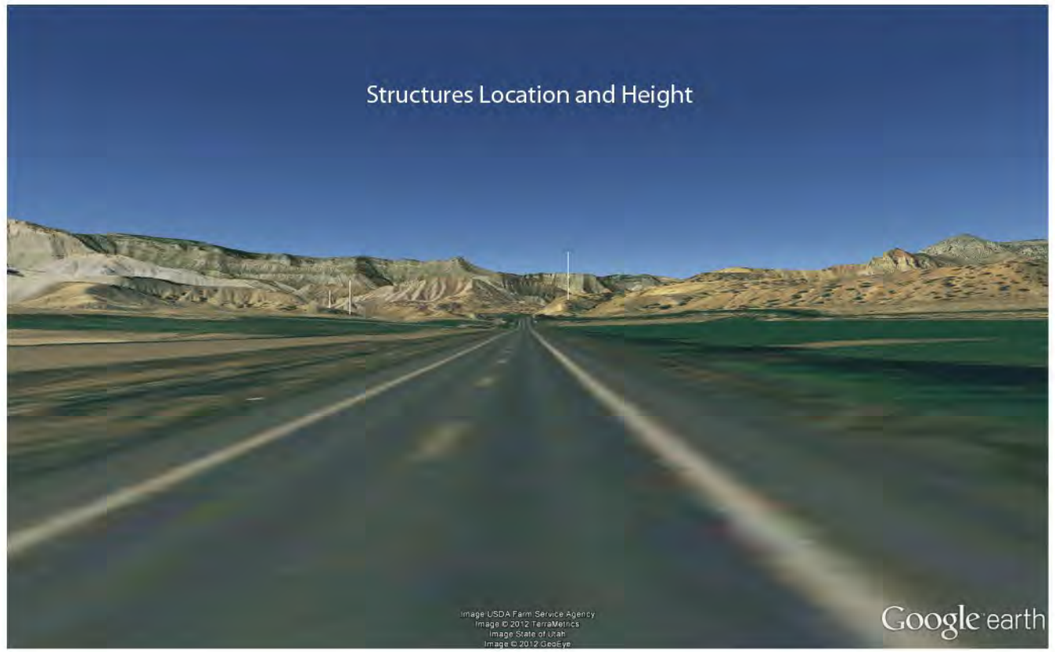
0 950 1,900 3,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-37
Utah SH 10
(northbound)
(Segment 330.1)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/03/2012
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** P-40
3. **VRM Class** Private
4. **Location** Utah SH 31 – Huntington WB
   Township 17S
   Range 8E
   Section 10
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain mesas. Inclined planar side slopes. Rolling valley floor.	Organic clumps and surfaces of boxelder and pinon-juniper	NA
LINE	Angular mountain skyline, banded eroded side slopes.	Irregular edges of forest cover and foreground trees and shrubs.	NA
COLOR	Light to medium light to medium brown rock and soil.	Medium to dark olive green.	NA
TEX-TURE	Smooth landforms, coarse geology.	Medium pinon-juniper and boxelder.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Line										X		
Color										X		
Texture											X	

2. **Does project design meet visual resource management objectives?** ☐ Yes ☐ No **(Explain on reverse side)**

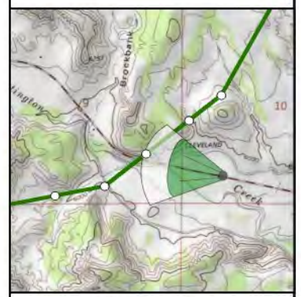
3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson **Date** 08/03/2012

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

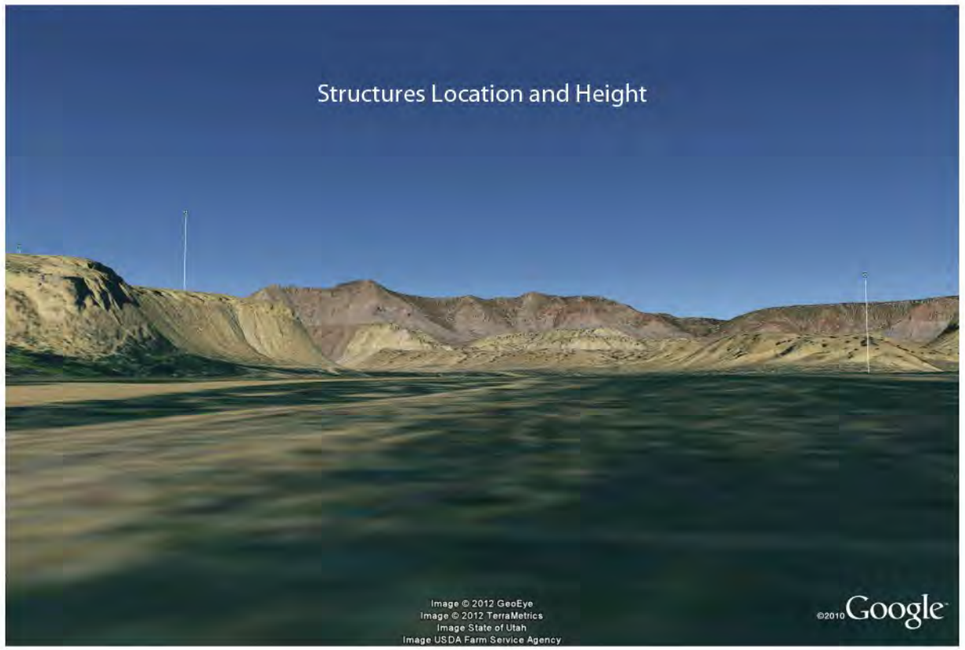
Feet
0 1,400 2,800 5,600

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-40
Utah SH 31/Huntington
(westbound)
(Segment 222.3)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Quitchupa Rd. WB- Residential	**5. Location Sketch**
2. Key Observation Point P-41	**Township** 22S	Please see Figure 3.12-2
3. VRM Class Private	**Range** 6E	
	Section 30	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular planar ridge. Vertical planar slope faces and walls and eroded rocky side slopes.	Organic clumps and surfaces of trees and shrubs. Blanket of pinon-juniper	Strongly planar twin 345-kV steel lattice structures.
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of trees, shrubs and grasses. Curved edges of pinon-juniper in background.	Straight and horizontal and vertical 345-kV structures
COLOR	Light to medium light to medium brown rock and soil.	Strongly yellow sunflower field. Light to medium to dark olive green trees, and shrubs.	Light to medium grey roadway and 345-kV structures.
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Line									X			
Color										X		
Texture											X	

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No **(Explain on reverse side)**

3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 08/04/2012

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

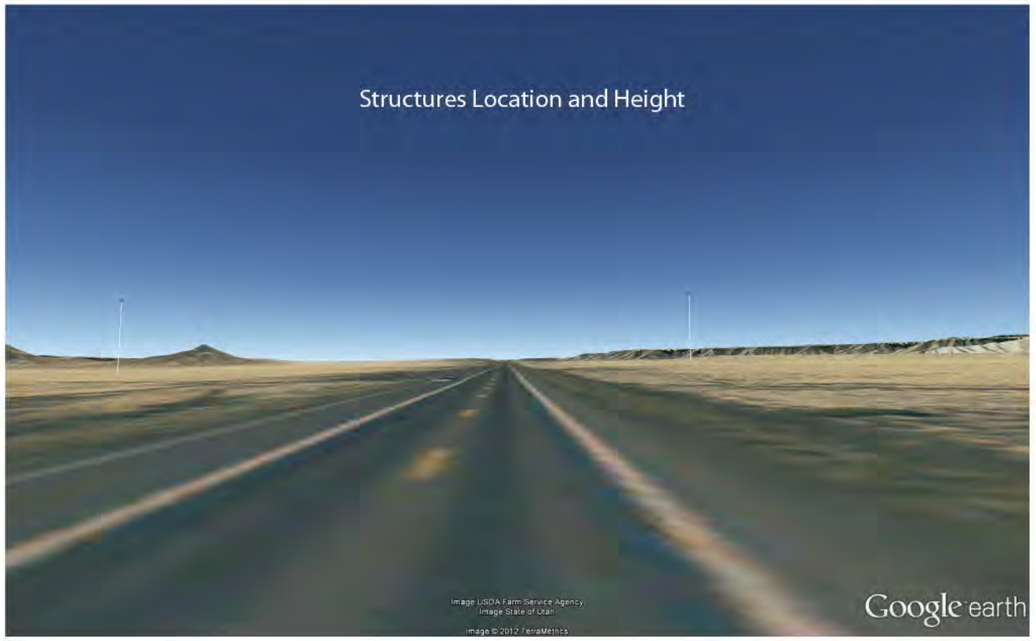
KOP Location

Feet
0 750 1,500 3,000

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-41
Quitchupa Rd. (westbound)
Residential
(Segment 330.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/03/2012
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** P-42
3. **VRM Class** Class IV
4. **Location** Utah SH 10 SB
   Township 16S
   Range 9E
   Section 1
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular planar ridge. Vertical planar slope faces and walls and eroded side slopes.	Scattered grasses.	Strongly planar paved roadway
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Indistinct	Straight and horizontal
COLOR	Light to medium light to medium brown rock and soil.	Light to medium tan grasses	Light to medium grey roadway
TEX-TURE	Smooth to coarse landforms.	Smooth to moderate	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									x			
Line										x		
Color										x		
Texture											x	

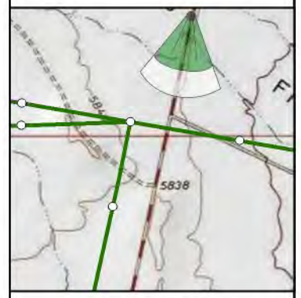
2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No **(Explain on reverse side)**
3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 08/03/2012

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 750 1,500 3,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-42
Utah SH 10
(southbound)
(Segment 222.05)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/03/2012
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
P-43

3. VRM Class
III

4. Location Watis Road EB
Township 15S
Range 8E
Section 10

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Strongly planar ridge. Angular planar slope faces and eroded rocky side slopes.	Organic clumps and surfaces of shrubs. Blanket of pinon-juniper.	Strongly planar paved roadway, pump jack, and twin 345-kV steel lattice structures.
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of shrubs and grasses. Curved edges of pinon-juniper in background.	Straight, horizontal, and inclined pump jack, and vertical 345-kV structures
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green shrubs. Light bluish-silvery sagebrush. Light tan to green grasses..	Light to medium grey roadway, dark pump jack, and 345-kV structures.
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color										X		
	Texture											X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

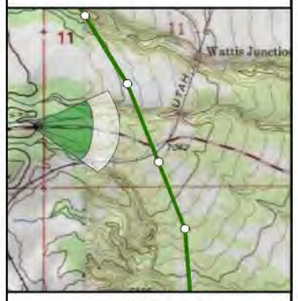
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names M. Paulson
Date 08/03/2012

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

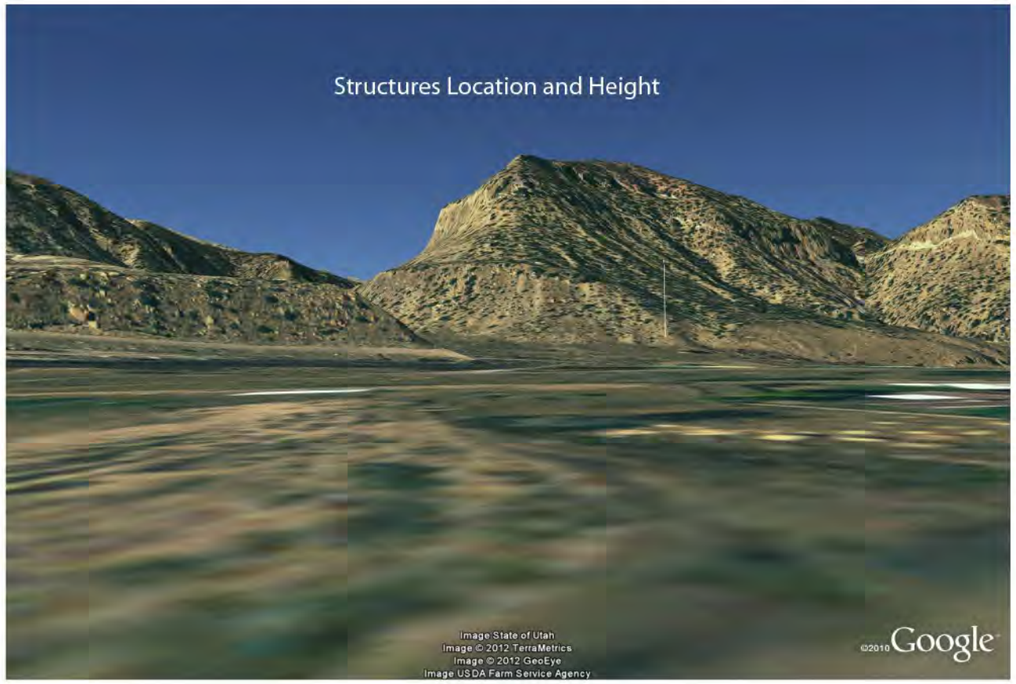
0 1,000 2,000 4,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-43
Watis Road
(eastbound)
(Segment 223)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/3/11
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Martin residential	**5. Location Sketch**
2. Key Observation Point P-45	**Township** 13S	Please see Figure 3.12-2
3. VRM Class III	**Range** 9E	
	Section 13	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating, horizontal, bold vertical, rugged	Few, Stippled, amorphous patches	Moderately tall, vertical
LINE	Curving, vertical, diagonal, angular	Weak diffuse, indistinct, broken	Vertical, concave, horizontal
COLOR	Tans, browns, grays	Dark greens, tans, gray-greens	Brown, gray
TEX-TURE	Banded, coarse grain	Fine to medium grain, uneven/random	Medium grain, dense

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Stippled vegetation	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Diffuse edge	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Tans, gray-greens	Light silver to dark gray steel lattice structures, guys, and conductors.
TEX-TURE		Fine to medium grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ **SHORT TERM** ☑ **LONG TERM**

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form		X					X			X		
	Line		X					X			X		
	Color			X				X			X		
	Texture		X					X				X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

3. Additional mitigating measures recommended ☐ Yes ☑ No **(Explain on reverse side)**

Evaluator's Names	Date
EPG	10/3/11
(Review and update as needed by M. Paulson)	7/24/12

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

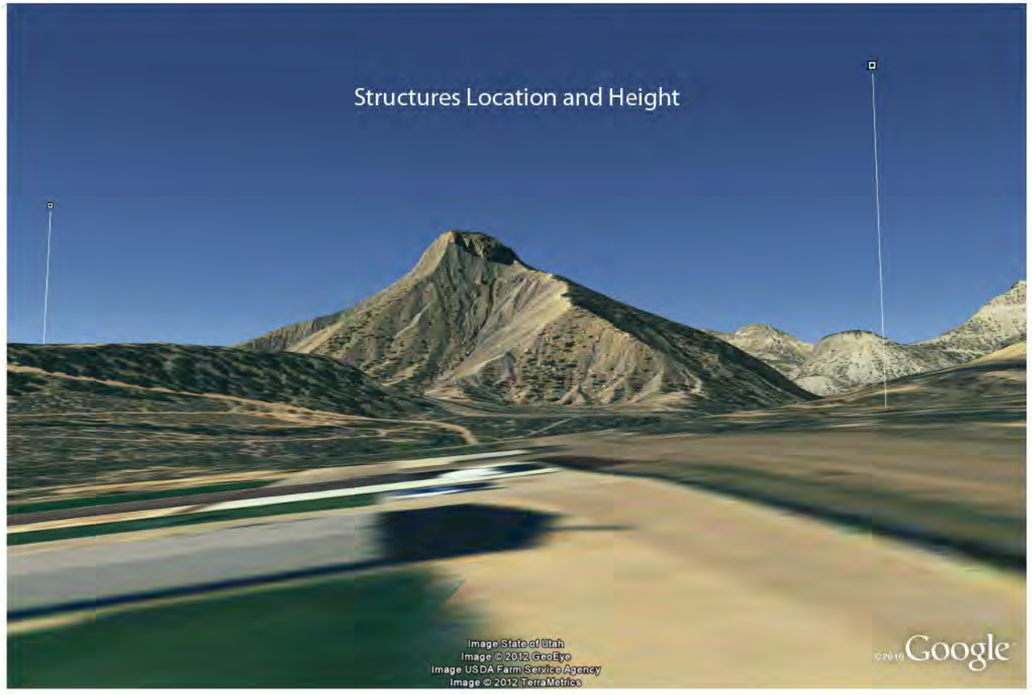
KOP Location

0 750 1,500 3,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-45
Martin Residential
(Segment 217.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/3/11
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** P-46
3. **VRM Class** III
4. **Location** West Helper residential
   Township 13S
   Range 9E
   Section 23
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	FG: Plateaus, level BG: Bold vertical, horizontal, rugged	Amorphous masses, stippled areas	Moderately tall, geometric, vertical
LINE	Vertical, diagonal, angular	Weak, diffuse, indistinct	Vertical, concave, angular
COLOR	Tans, grays, reds	Dark greens	Brown
TEX-TURE	Banded, coarse grain	Fine to medium grain	Medium grain, sparse density

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Stippled vegetation	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Diffuse edge	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Tans, gray-greens	Light silver to dark gray steel lattice structures, guys, and conductors.
TEX-TURE		Fine to medium grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

	DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form			X			X				X		
	Line		X					X			X		
	Color			X				X				X	
	Texture		X					X				X	

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No (Explain on reverse side)

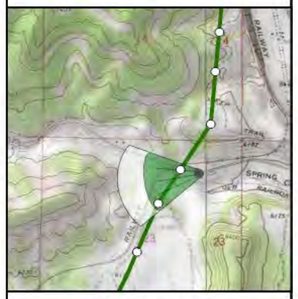
3. **Additional mitigating measures recommended** ☐ Yes ☑ No (Explain on reverse side)

Evaluator's Names	Date
EPG	10/3/11
(Review and update as needed by M. Paulson)	7/24/12

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



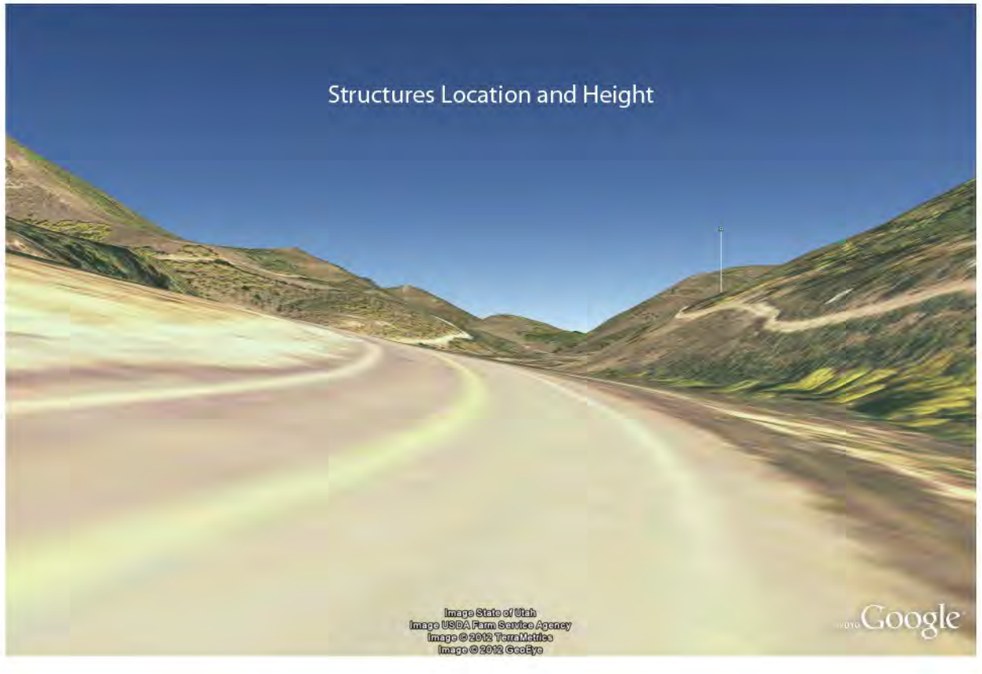
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-46
West Helper
Residential
(Segment 217.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/27/11
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** P-47
3. **VRM Class** NA
4. **Location** Clear Creek residential
   Township 13S
   Range 7E
   Section 33
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Diagonal, bold, rounded	Vertical, complex, pyramidal, amorphous	Geometric, horizontal, rectangular
LINE	Curving, continuous	Flowing, complex, irregular	Vertical, angular, regular
COLOR	Tans, grays	Vivid, yellow, greens, seasonal variety	Brown, gray
TEX-TURE	Medium grain	Coarse, stippled, scattered	Coarse grain, sparse density, uniform

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		NA	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		NA	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		NA	Light silver to dark gray steel lattice structures, guys, and conductors.
TEX-TURE		NA	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form				X				X	X			
Line				X				X		X		
Color				X				X		X		
Texture				X				X		X		

2. **Does project design meet visual resource management objectives?** ☐ Yes ☐ No **(Explain on reverse side)**

3. **Additional mitigating measures recommended** ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names	Date
EPG	9/27/11
(Review and update as needed by M. Paulson)	7/24/12

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

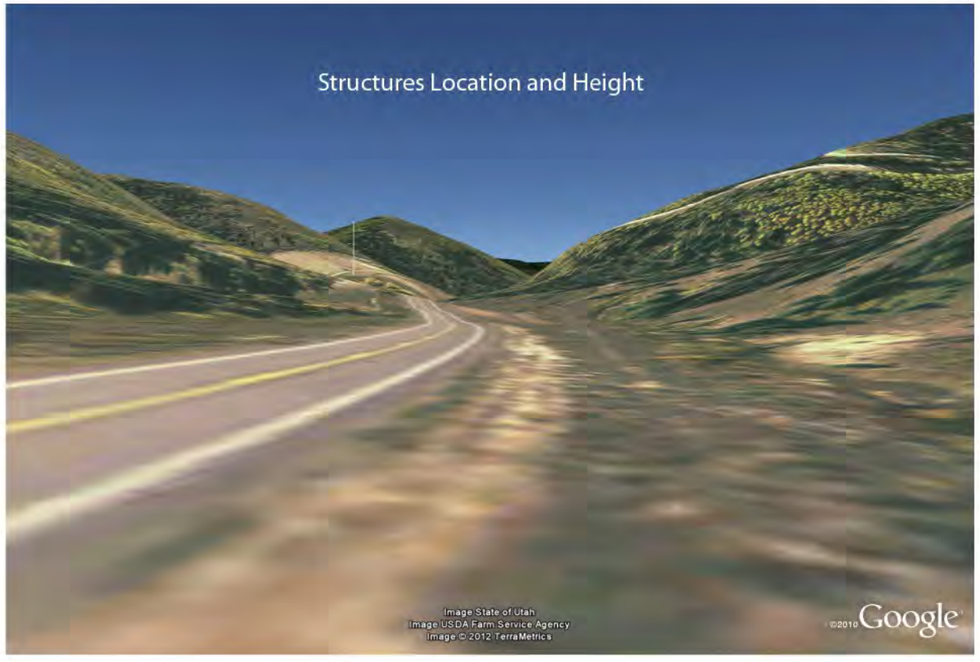
KOP Location

Feet
0 750 1,500 3,000

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-47
Clear Creek
Residential
(Segment 217.15)



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(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/27/11
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Energy Loop Scenic Byway (UT Route 96	**5. Location Sketch**
2. Key Observation Point P-48	**Township** 13S	Please see Figure 3.12-2
3. VRM Class NA	**Range** 7E	
	Section 29	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Diagonal, bold, rounded	Vertical, complex, pyramidal, amorphous	Moderately tall, vertical, thin
LINE	Curving, angular, continuous	Flowing, complex, irregular, butt edge	Vertical, angular
COLOR	Tans	Vivid, greens, tans, seasonal variation	Browns
TEXTURE	Medium to coarse grain	Coarse, stippled, scattered	Fine grain

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		NA	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		NA	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		NA	Light silver to dark gray steel lattice structures, guys, and conductors.
TEXTURE		NA	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form				X				X	X			
	Line				X				X		X		
	Color				X				X	X			
	Texture				X				X	X			

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No **(Explain on reverse side)**

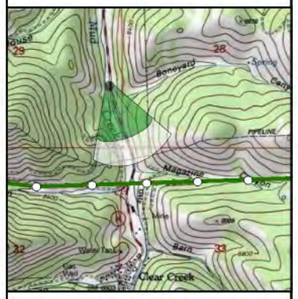
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names	Date
EPG	9/27/11
(Review and update as needed by M. Paulson)	7/24/12

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

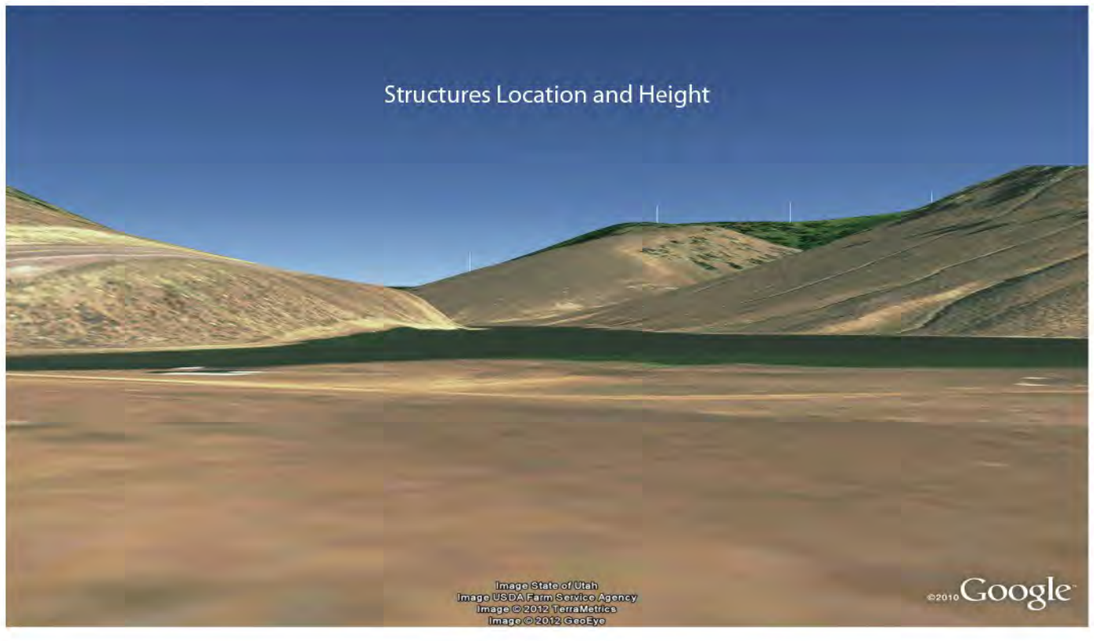
Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-48
Energy Loop Scenic Byway
(Utah Route 96)
(Segment 217.15)

Western Area Power Administration



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/27/11
District Manti-Lasal National Forest
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
P-49

3. VRM Class
USFS VQO Retention

4. Location Electric Lake
Township 13S
Range 6E
Section 34

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Diagonal, bold, rounded	Vertical, complex, pyramidal, amorphous	NA
LINE	Curving, continuous, horizontal	Flowing, complex, irregular, butt edge in background (right-of-way clearing)	NA
COLOR	Tans, blues, reflective	Vivid, tans, greens, gray-green, white	NA
TEX-TURE	Smooth surface on reservoir, medium grain	Coarse, stippled, scattered	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Tans, gray-green	Light silver to dark gray steel lattice structures, guys, and conductors.
TEX-TURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form		x				x			x			
Line			x				x		x			
Color			x				x		x			
Texture			x			x			x			

2. Does project design meet visual resource management objectives? ☐ Yes ☑ No **(Explain on reverse side)**

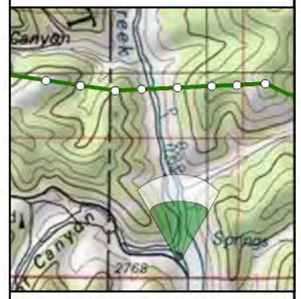
3. Additional mitigating measures recommended ☑ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names	Date
EPG	9/27/11
(Review and update as needed by M. Paulson)	7/24/12

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not be consistent with High SIO or Retention VQO management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

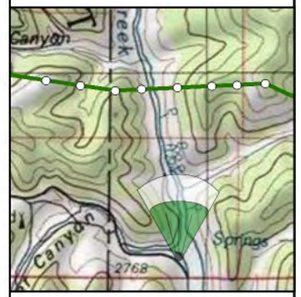
0 2,150 4,300 8,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-49
Electric Lake
(Segment 217.15)

Project Location



KOP Location

0 2,150 4,300 8,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-49
Simulated Condition
(Segment 217.15)

Western Area Power Administration

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/27/12
District **Manti-Lasal National Forest**
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: P-50
3. VRM Class: USFS VQO Retention
4. Location: Energy Loop Scenic Byway, Township 13S, Range 6E, Section 27
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Diagonal, bold, rounded	Vertical, complex, pyramidal, amorphous	NA
LINE	Curving, continuous, angular	Flowing, complex, irregular, butt edge in background (right-of-way clearing)	NA
COLOR	Tans	Vivid, tans, greens, gray-green	NA
TEX-TURE	Medium grain	Coarse, stippled, scattered	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Tans, gray-green	Light silver to dark gray steel lattice structures, guys, and conductors.
TEX-TURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form	x				x				x			
	Line	x					x			x			
	Color		x				x			x			
	Texture	x				x				x			

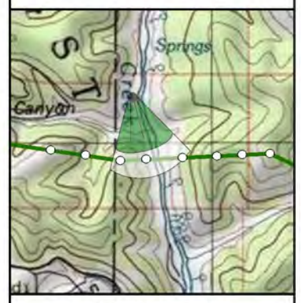
2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)
3. Additional mitigating measures recommended ☑ Yes ☐ No (Explain on reverse side)

Evaluator's Names	Date
EPG	9/27/12
(Review and update as needed by M. Paulson)	7/24/12

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would be consistent with Moderate SIO or Partial Retention VQO management objectives. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 2,150 4,300 8,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-50
Energy Loop
Scenic Byway
(Segment 217.15)

Project Location

KOP Location

0 2,150 4,300 8,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-50
Simulated Condition
(Segment 217.15)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/28/11
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: P-51
3. VRM Class: NA
4. Location: Indian Canyn Sc Byway (US Hwy 191); Township 12S; Range 10E; Section 21
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Vertical, prominent, v-shaped	Amorphous patches, pyramidal	Moderately tall, vertical, geometric
LINE	Bold, diagonal, rugged	Irregular, broken, vertical, butt edge (existing right-of-way)	Vertical, concave/horizontal
COLOR	Grays, tans (little exposed soil)	Greens, tans, seasonal variation	Brown
TEX-TURE	Coarse grain	Medium grain	Ordered, fine grain, medium density

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric, rectangular	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Angular, bold, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Tans, gray-green	Light silver to dark gray steel lattice structures, guys, and conductors.
TEX-TURE		fine grained	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form	x				x				x			
	Line	x					x				x		
	Color		x				x			x			
	Texture		x				x				x		

2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

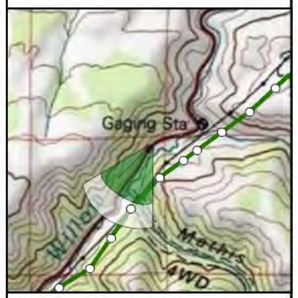
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names	Date
EPG	9/28/11
(Review and update as needed by M. Paulson)	7/24/12

Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

0 2,150 4,300 8,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-51
Indian Canyon Scenic Bywy
(U.S. Hwy 191)
(Segment 217.1)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/4/11
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Wedge Overlook Scenic Backway	**5. Location Sketch**
2. Key Observation Point P-52	**Township** 19S	Please see Figure 3.12-2
3. VRM Class III	**Range** 9E	
	Section 1	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Shallow slopes, undulating, rugged in areas	Indistinct, patches, stippled, mottled	Vertical, geometric
LINE	Horizontal, diagonal, undulating	Indistinct	Vertical, concave
COLOR	Tans, grays	Gray-greens, tans	Brown
TEX-TURE	Medium to coarse grain	Medium grain	Medium grain, medium density, ordered

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Sage greens, tans	Light silver to dark gray steel lattice structures, guys, and conductors.
TEX-TURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form			X				X			X		
Line			X				X			X		
Color			X				X				X	
Texture		X					X				X	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No **(Explain on reverse side)**

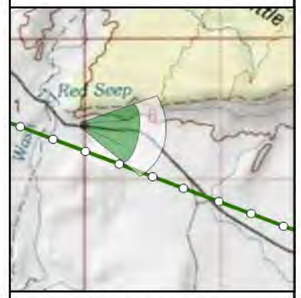
3. Additional mitigating measures recommended ☐ Yes ☐ No **(Explain on reverse side)**

Evaluator's Names	Date
EPG	10/4/11
(Review and update as needed by M. Paulson)	7/24/12

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

Feet
0 2,150 4,300 8,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-52
Wedge Overlook
Scenic Backway
(Segment 325)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/4/11
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
P-53

3. VRM Class
III

4. Location Old Spanish Natl Hist Trl (Sn Rafael Sw)
Township 19S
Range 10E
Section 10

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat, smooth	Short, patchy	Low, geometric, vertical
LINE	Horizontal	angular, broken, diffuse edges	Horizontal, vertical, angular
COLOR	Tans, beiges	Gray-greens, tans, dull	Browns, tans
TEX-TURE	Fine grain	Even, medium grain	Medium grain, medium density

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Sage greens, tans	Light silver to dark gray steel lattice structures, guys, and conductors.
TEX-TURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form			x				x			x		
	Line			x				x			x		
	Color			x				x				x	
	Texture			x				x				x	

2. Does project design meet visual resource management objectives? ☑ Yes ☐ No (Explain on reverse side)

3. Additional mitigating measures recommended ☐ Yes ☑ No (Explain on reverse side)

Evaluator's Names	Date
EPG	10/4/11
(Review and update as needed by M. Paulson)	7/24/12

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

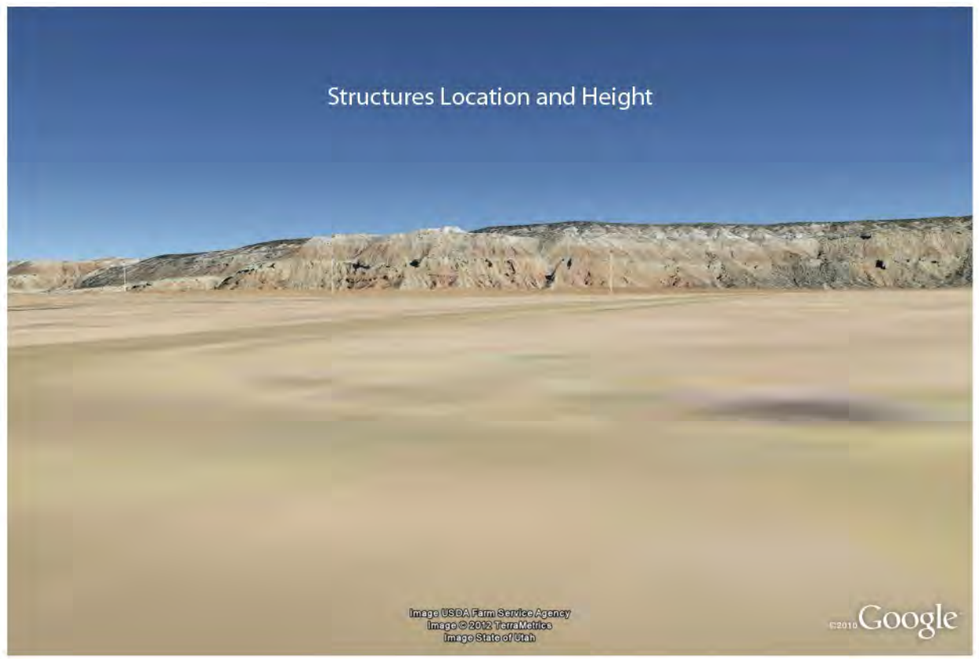
KOP Location

0 2,150 4,300 8,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-53
Old Spanish National Historic Trail
(San Rafael SW)
(Segment 225.2)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/4/11
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Junction of Road to Buckhorn Wash	**5. Location Sketch**
2. Key Observation Point P-54	**Township** 19S	Please see Figure 3.12-2
3. VRM Class III	**Range** 10E	
	Section 13	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat, smooth, Cedar Mountain prominent in background	Short, patchy	Moderately tall, vertical
LINE	Horizontal	Angular, broken, diffuse edges	Vertical
COLOR	Tans, beiges	Gray-greens, dull	Brown
TEX-TURE	Fine grain	Even, medium grain	Fine grain, medium density, ordered

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Sage greens, tans	Light silver to dark gray steel lattice structures, guys, and conductors.
TEX-TURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ **SHORT TERM** ☑ **LONG TERM**

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form			X				X			X		
Line			X				X			X		
Color			X				X				X	
Texture			X				X				X	

2. Does project design meet visual resource management objectives? ☑ **Yes** ☐ **No** **(Explain on reverse side)**

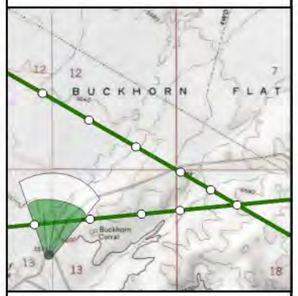
3. Additional mitigating measures recommended ☑ **Yes** ☐ **No (Explain on reverse side)**

Evaluator's Names EPG (Review and update as needed by M. Paulson) **Date** 7/24/12

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



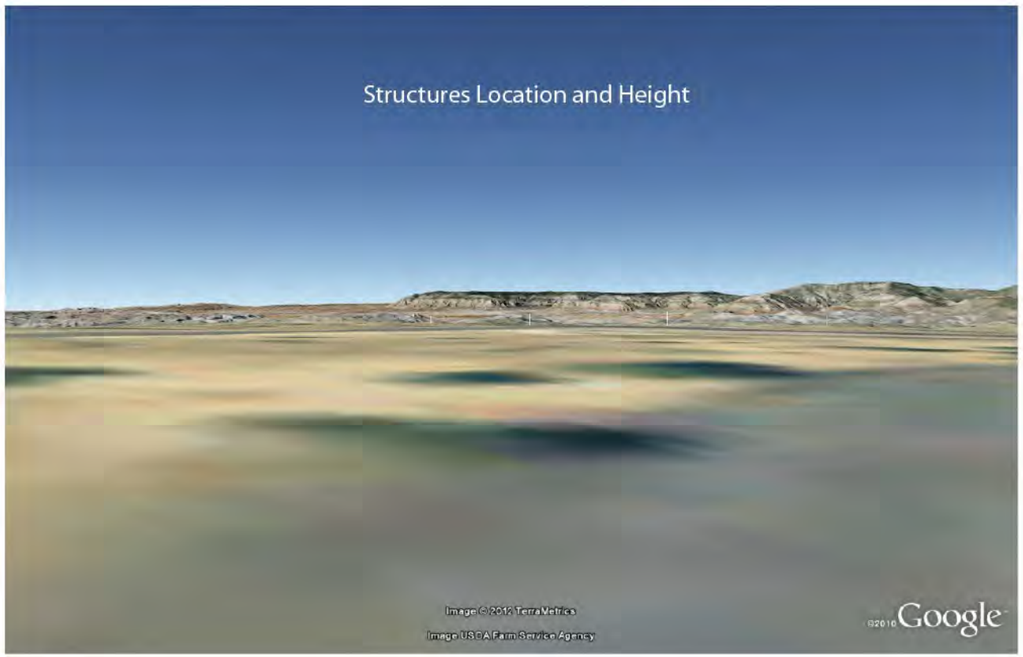
KOP Location

Feet
0 1,400 2,800 5,600

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-54
Junction of Road to Buckhorn Wash
(Segment 225.2)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/5/11
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. **Project Name** TransWest Express
2. **Key Observation Point** P-56
3. **VRM Class** III
4. **Location** USHwy 6 Rest Area (Dino Diamnd Byway) **Township** 16S **Range** 13E **Section** 23
5. **Location Sketch** Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Shallow to moderate slopes, rolling	Indistinct, amorphous, stippled	Moderately tall, vertical, geometric
LINE	Horizontal, diagonal, undulating	Indistinct, regular	Angular, concave, horizontal
COLOR	Trans	Dark greens, tans	Brown
TEX-TURE	Fine to medium grain	Medium grain, grouped	Medium grain, sparse

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		NA	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		NA	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		NA	Light silver to dark gray steel lattice structures, guys, and conductors.
TEX-TURE		NA	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form				X				X	X			
	Line				X				X		X		
	Color				X				X		X		
	Texture				X				X		X		

2. **Does project design meet visual resource management objectives?** ☑ Yes ☐ No **(Explain on reverse side)**

3. **Additional mitigating measures recommended** ☐ Yes ☑ No **(Explain on reverse side)**

Evaluator's Names	Date
EPG	10/5/11
(Review and update as needed by M. Paulson)	7/24/12

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location

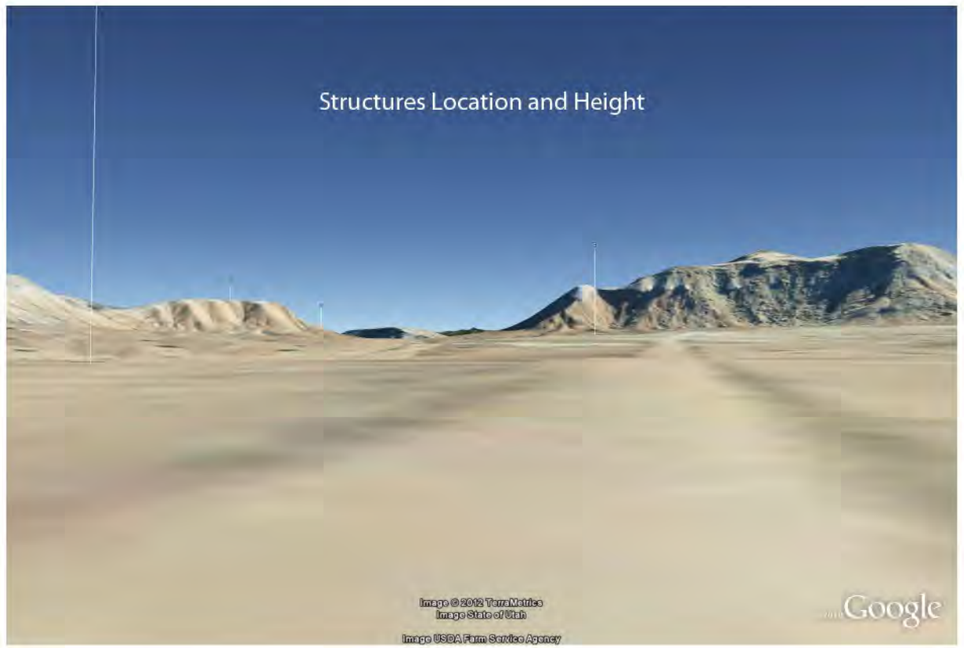
KOP Location

0 2,150 4,300 8,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-56
U.S. Highway 6 Rest Area
(Dinosaur Diamond Byway)
(Segment 222.05)



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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 7/24/12
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	**4. Location** Green River Cutoff – Cty Rd 401.	**5. Location Sketch**
2. Key Observation Point P-57	**Township** 19S	Please see Figure 3.12-2
3. VRM Class III	**Range** 13E	
	Section 13	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Bold vertical and horizontal planar and banding	Organic clumps of juniper and grasses	Planar roadway.
LINE	Vertical and horizontal	Indistint	Curvilinear roadway
COLOR	Light to dark tans, browns and grays	Light to medium tans and dark green	Light to medium brown
TEX-TURE	Smooth to coarse.	Medium to coarse	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Sage greens, tans	Light silver to dark gray steel lattice structures, guys, and conductors.
TEX-TURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ **SHORT TERM** ☑ **LONG TERM**

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									X			
	Line									X			
	Color										X		
	Texture										X		

2. Does project design meet visual resource management objectives? ☐ **Yes** ☑ **No** **(Explain on reverse side)**

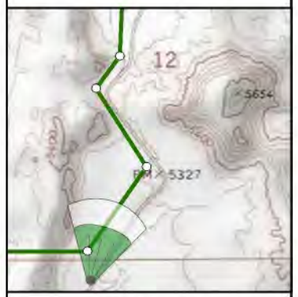
3. Additional mitigating measures recommended ☑ **Yes** ☐ **No (Explain on reverse side)**

Evaluator's Names	Date
M. Paulson	7/24/12

Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Project Location



KOP Location

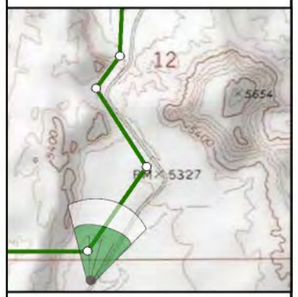
Feet
0 750 1,500 3,000

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-57
Green River Cutoff
County Road 401
(Segment 225.2)

Project Location



KOP Location

0 750 1,500 3,000 Feet

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-57
Simulated Condition
(Segment 225.2)